

Name : Dr. Karamjit Bhatia
Designation : Associate Professor
Pay-Scale : Rs. 37400-67000 + AGP 9000/-
Total Salary : Rs. 75341.00
Working Experience : 21 Years
Qualification : M.Sc. M.Phil, Ph.D.
Research Area : Distributed Computing, Performance Modeling
D.O.B : 25-10-1965
E-Mail id : Karamjitbhatia@yahoo.co.in
Contact No. : 09412058541, 0135-2760706
Paper Published : 16

1. **B. Soni & K. Bhatia**, “Resource Allocation using Goal Programming – Case Study”, Proceedings of the 6th International Conference on Computers in Agriculture held at Cancun, Mexico during June 10-14, 1996.
2. **V. Kumar, P. K. Yadav & K. Bhatia**, “On the Reduction of Inter Task Communication in Distributed Computing Systems”, Proceedings of the CONSEG’97, the International Conference on Software Engineering held in Chennai, Jan. 23 – 25, 1997.
3. **Vinod Kumar, P. K. Yadav & K. Bhatia**, “Optimal Task Allocation in Distributed Computing Systems Owing to Inter Task Communication Effects”, Published in the Proceedings of CSI- 98 : the 33rd Annual Convention of the Computer Society of India held in Delhi during Sept., 1998, pp. 369- 378.
4. **Vinod Kumar, K. Bhatia & P. K. Yadav**, “Processor Distance Based Task Allocation Technique for Distributed Computing Systems Owing to Inter Task Communication Effects”, Proceedings of the ICCS’98 : The International Conference on Cognitive Systems held in New Delhi during Dec. 13 –15, 1998, pp. 691- 704.
5. **K. Bhatia & Vinod Kumar**, “An Inter Task Communication Tie Resolution Process Based Task Allocation Strategy for Distributed Computing Systems”, Proceedings of the CSI’99 : the 34th Annual Convention of Computer Society of India held in Mumbai, Nov. 11 – 16, 1999.
6. **L. K. Arora, R. K. Bhatia & K. J. Bhatia**, “Study of Evolution for Interconnection Networks”, Proceedings of NCET 2007 : The National Conference on Emerging Technologies and Trends in IT 2007 organized by Institute of Technology and Science, Ghaziabad at India Habitat Centre, New Delhi during April 06 – 07, 2007, pp. 309- 315.

7. **Harish Karnatak, Sameer Saran, Karamjit Bhatia & P. S. Roy**, “Multicriteria Spatial Decision Analysis in Web GIS Environment”, *Geoinformatica, An International Journal of Advance Computing and GIS*, Springer Science Publication, 11, pp. 407-429, 2007, DOI 10.1007/ s10707-006- 0014- 8, ISSN : 1573-7624 (online) 1384-6175 (print).
8. **Harish Karnatak, Karamjit Bhatia & Sameer Saran**, “Multi-criteria Spatial Decision Analysis using Spatial Compromise Programming”, *Proceedings of the 2nd National Conference ‘INDIACom-2008’ on Computing for Nation Development held in Bhartiya Vidyapeeth’s Institute of Computer Applications and Management, New Delhi during Feb. 08-09, 2008*, pp. 57-62, ISSN 0973-7529.
9. **K. Bhatia, A. K. Pal, Anu Chaudhary**, “Performance Analysis of High Speed Data Networks Using Priority Discipline”, *Proceedings of the 3rd National Conference ‘INDIACom-2009’ on Computing for Nation Development held in Bhartiya Vidyapeeth’s Institute of Computer Applications and Management, New Delhi during Feb. 26-27, 2009*, pp. 265-270, ISSN 0973-7529.
10. **Harish Karnatak, Sameer Saran, Karamjit Bhatia & P. S. Roy**, “Geospatial Database Organization and Spatial Decision Analysis for Biodiversity Databases in Web GIS Environment”, *Geocarto International*, 99999: 1, Taylor & Francis Publication, UK, Vol. 24, pp. 1-21, 2009, pp. 1-21, DOI 10.1080/ 10106040802677045, ISSN : 1752-0762 (online) 1010-6049 (print).
11. **Karamjit Bhatia, Ashish Mehta & Vinay Saxena**, “Edge Detection in Noisy Image Using Fuzzy Pre- filter : A Comparative Study”, *The Reflections des Era- Journal of Mathematical Sciences*, Vol. 4, Issue 1, pp. 11-18, 2009, ISSN 0973- 4597.
12. **A. K. Pal, K. Bhatia, Anu Chaudhary**, “Performance Evaluation of ATM Queue with Discretionary Priority Jumps”, *International Journal of Computational Intelligence and Bioinformatics*, Vol. 1, Number 1, pp. 11-21, 2009, ISSN 0974- 8695.
13. **K. Bhatia, A. K. Pal, Anu Chaudhary**, “Performance Analysis of High Speed Data Networks Using Priority Discipline”, *BVICAM’s International Journal of Information Technology*, Vol. 1, No. 2, pp. 57- 61, 2009, ISSN : 0973-5658.
14. **K. Bhatia, A. K. Pal, Anu Chaudhary**, “Quality Estimation Analysis of High Speed Networks with Controllable Arrivals”, *The Reflections des Era- Journal of Mathematical Sciences*, Vol. 4, Issue 3, pp. 221-242, 2009, ISSN 0973- 4597.
15. **K. Bhatia, Yadav P. K., Sagar Gulati**, “Performance Evaluation Distributed System through Reliability Analysis”, *Proceedings of the International Conference on Challenges and Applications of Mathematics in Science and*

Technology (CAMIST) held in Department of Mathematics, National Institute of Technology, Rourkela during January 11 – 13, 2010.

16. **Shwetank, Jain Kamal, Bhatia K. J.**, “Review of Rice Crop Identification and Classification using Hyper Spectral Image Processing System”, International Journal of Computer Science & Communication, Vol. 1, No. 1, January – June, 2010, pp. 253-258.

Seminar/ Conferences attended : 06