2004

Books	**: 01**
Journal Papers	**: 06**
Conference Papers	**: 18**
Patents	**: 02**
Newspaper/Magazine Articles	**: 11**

Books

1. Benmakhalouf, Ali; Devy, Ganesh; Guorong, Yang; Ogilvie, Bertrand; Patterson, Douglas and Posel, Deborah. *Keywords: Truth*, Tazi, Nadia (Ed.), New York: Other Press, 2004. ISBN: 1-59051-106-9.

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1. Kapoor, Hemangee K. and Josephs, Mark B. "Modelling and verification of delay-insensitive circuits using CCS and concurrency workbench," *Information Processing Letters*, vol. 89, no. 06, pp. 293-296, 2004.

2. Kapoor, Kalpesh and Bowen, Jonathan P. "Experimental evaluation of the tolerance for control-flow test criteria," *Journal of Software Testing, Verification and Reliability*, vol. 14, no. 03, pp. 167-187, Sept. 2004.

3. Lenin, R. B. "Applied birth and death models - a time-dependent perspective," *American Journal of Mathematical and Management Sciences*, vol. 24, pp.1-16, 2004.

4. Pandya, Vishvajit. "Rathwa Pithoro: writing about writing and reading painted ethnography," *Visual Anthropology*, vol. 17, no. 2, pp. 117-161, Apr.-June, 2004.

5. Suhrud, Tridip. "Re-editing Gandhi's collected works," *Economic and Political Weekly*, vol. 39, no. 46 & 47, pp. 4967-4969, Nov. 2004.

6. Suhrud, Tridip. "Truth as politics," *Seminar*, no. 544, pp. 77-81, Dec., 2004.

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1. Mishra, Mayank and Chaudhary, Sanjay. "Architecture for locating mobile CORBA objects in wireless mobile environment," in *Proceedings Third International School and Symposium on advanced distributed systems (ISSADS 2004)*, Guadalajara, Mexico, Jan. 2004, pp. 207-218.

2. Londhe, Tushar; Banerjee, Asim and Mitra, Suman K. "Face image segmentation using fractal technique," in *Proceedings of the 12th International Conference on Advanced Computing and Communication,* Ahmedabad, Dec., 2004, pp. 643-646.

3. Londhe, Tushar; Banerjee, Asim and Mitra, Suman K. "Fractal based image segmentation," in *Proceedings of Indian Conference on Vision, Graphics and Image Processing*, Kolkata, Dec. 2004, pp. 394-398.

4. Bhatt, Amit. Choudahry, Niket., and Chousksey, Siddarth, "A Novel algorithm for software scheduling and methods to reduce stalls in RISC pipelined processor," presented at the Malaysia Region 10 Contest*,* 2004.

5. Chaudhary, Sanjay; Sorathia, Vikram and Laliwala, Zakir. "Architecture of sensor based agricultural information system for effective planning of farm activities," in *Proceedings of 2004 IEEE International Conference on Services Computing*, Sept. 2004, pp. 93-100.

6. Gupta, Sanjeev. "A compact broadband all polarization microstrip antenna," in *Proceedings of 2nd International Conference on Microwaves, Antenna, Propagation and Remote Sensing*, Jodhpur, Nov., 2004.

7. Gupta, Sanjeev. "An integrated active fully-duplexed transceiver using Phase Cancellation Technique," in *Proceedings of Asia-Pacific Microwave Conference*, New Delhi, Dec, 2004.

8. Desai, Bhumi and Gupta, Sanjeev. "Microstrip dual-band patch antenna," in *Proceedings of 2nd International Conference on Microwaves, Antenna, Propagation and Remote Sensing*, Jodhpur, Nov., 2004, pp. 1-5.

9. Bala, Shashi and Gupta, Sanjeev. "Shorted microstrip antenna array," in *Proceedings of 2nd International Conference on Microwaves, Antenna, Propagation and Remote Sensing*, Jodhpur, Nov., 2004, pp. 1-6.

10. Kapoor, Hemangee K. "Wrappers that weaken DI processes," in *Proceedings of 16th UK Asynchronous Forum*, Manchester, Sep. 6-7, 2004, pp. 167-187.

11. Kapoor, Hemangee K. "Computer-aided verification of delay-insensitive processes," presented at the Poster and Tool demo at 25 Years of CSP, London, Jul., 2004.

12. Kapoor, Hemangee K. and Josephs, Mark B. "Decomposing specifications to resolve state coding conflicts in asynchronous logic synthesis," in *Proceedings of 4th Acid-WG Workshop*, Turku, Finland, Jun., 2004, pp. 830-833.

13. Kapoor, Hemangee K. and Josephs, Mark B. "Decomposing specifications with concurrent outputs to resolve state coding conflicts in asynchronous logic synthesis," in *Proceedings of 41st Design Automation Conference*, USA, 2004, pp. 830-833.

14. Kapoor, Kalpesh and Bowen, Jonathan P. "Ordering mutants to minimize test effort in mutation testing," in *Proceedings of 4th International Workshop on Formal Approaches to Software Testing (FATES 2004)*, Linz, Austria, Sep. 21, 2004, pp. 195-209.

15. Singh, Vivek Kumar and Maitra, Anutosh. "A feature drift model for tracking concept drift," in *Proceedings of 12th International Conference on Advanced Computing and Communications*, Ahmedabad, Dec. 2004.

16. Jadia, Pawan and Mathuria, Anish. "Efficient secure aggregation in sensor networks," in *Proceedings of 11th Annual International Conference on High Performance Computing (HiPC 2004)*, [LNCS, vol. 3296], Dec., 2004, pp. 40-49.

17. Mitra, Suman K. "A study on the application of color transfer technique for video compression," in *Proceedings of Indian Conference on Vision, Graphics and Image Processing*, Kolkata, 2004, pp. 628-631.

18. Rao, K. Madhusudhana and Mitra, Suman K. "Color transfer technique for video compression," in *Proceedings of the 12th International Conference on Advanced Computing and Communication*, Ahmedabad, 2004, pp. 450-453.

Patents

1. Mitra, Suman K. "Method of compressing an image," US Patent 6 738 520, May 18, 2004.

2. Mitra, Suman K. "A method for block based digital image watermarking," US Patent 6 707 928, Mar. 16, 2004.

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1. Suhrud, Tridip. "Itihas chetna ane sanskrtik atma pruccha," *Arthat*, pp. 20-24, Apr.-Jun., 2004.

2. Suhrud, Tridip. "Collected works of Mahatma Gandhi par tawai," *Nirikshak,* vol. 01, no. 11, 2004.

3. Visvanathan, Shiv. "Opinion: Shining Kitsch," *Himal*, Mar.-Apr., 2004.

4. Visvanathan, Shiv. "The politics of kitsch: Both left and right politics in India invoke memory, but fail miserably," *Hindustan Times*, Nov. 27, 2004.

5. Visvanathan, Shiv. "The latest victim: instead of the accused, the NGOs in Gujarat are now on trial," *Hindustan Times*, Jun. 11, 2004.

6. Visvanathan, Shiv. "Politics as soap: the emptiness of India's elections," *The Times of India, Ahmedabad,* p. 12, May 1, 2004.

7. Visvanathan, Shiv. "Question of dignity: interrogation as an instrument of state representation," *The Times of India*, *Ahmedabad*, p. 16, Dec. 23, 2004.

8. Visvanathan, Shiv. "Here today, more tomorrow: is it getting better?" *The Times of India*, *Ahmedabad*, p. 8, Dec. 12, 2004.

9. Visvanathan, Shiv. "Listening to Manipur: Fresh discourse needed to challenge stereotypes," *The Times of India*, *Ahmedabad*, p. 16, Nov. 24, 2004.

10. Visvanathan, Shiv. "Election riddles: the search for a new political paradigm," *The Times of India*, *Ahmedabad*, p. 12, Jun. 22, 2004.

11. Visvanathan, Shiv. "Citizen Sonia: racialism has no place in shining India," *The Times of India*, *Ahmedabad*, p. 4, Mar. 31, 2004.