Publications of the DA-IICT Faculty

2006

Books : 03
Chapters in Book : 01
Journal Papers : 11
Conference Papers : 36
Newspaper/Magazine Articles : 36

Books

- 1. Devy, Ganesh. A Nomad Called Thief: Reflections on Adivasi Silence. New Delhi: Orient Longman, 2006.
- 2. Devy, Ganesh. Vanaprasthan (In Marathi). Pune: Padmagandha Publishers, 2006.
- 3. Suhrud, Tridip. Smrutibhranshna Pagle Pagle. New Delhi: Sahitya Academy, 2006. (Trans. of) Devy, Ganesh, After Amnesia: Tradition & Change in Indian Literary Criticism. Orient Longman, 1992.

Chapters in Book

1. Chaudhary, Sanjay; Laliwala, Zakir and Sorathia, Vikram. "Building semantic business services," in *Semantic Web Services, Process, and Applications*. Cardoso, Jorge and Sheth, Amit, Eds., New York: Springer, 2006, pp. 323-350.

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- Das, Manik Lal; Saxena, Ashutosh; Gulati, Ved P. and Phatak, Deepak B. "A Novel remote user authentication scheme using bilinear pairings," *Computers & Security*, vol. 25, no. 03, pp.184-189, May. 2006.
- 2. Gangishetti, Raju; Choudary, Gorantla M.; Das, Manik Lal and Saxena, Ashutosh. "Identity based multisignatures," *INFORMATICA An International Journal*, vol. 17, no. 02, pp.177-186, 2006.
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- 4. Joshi, M.V. and Chaudhuri, Subhasis. "Simultaneous estimation of super-resolved depth map and intensity field using photometric cue," *Computer Vision & Image Understanding*, vol. 101, pp. 31-44, Jan. 2006.
- 5. Kapoor, Hemangee K.; Josephs, Mark B. and Furey, Dennis P. "Verification and implementation of delay-insensitive processes in restrictive environments," *Journal Fundamenta Informaticae*, vol. 70, no. 1-2, pp 21-48, Mar. 2006.
- 6. Kapoor, Kalpesh. "Formal analysis of coupling hypothesis for logical faults," *Innovations in Systems and Software Engineering*, vol. 2, no. 02, pp. 80-87, Jul. 2006.
- 7. Cuyt, Annie; Lenin, R. B.; Becuwe, Stefan and Verdonk, Brigitte. "Adaptive multivariate rational data fitting with applications in electromagnetics," *IEEE Transactions on Microwave Theory and Techniques*, vol. 54, no. 5, pp. 2265-2274, May., 2006.
- 8. Parikh, Radha and Mishra, Gaurav. "Mobile mapping system for precision agriculture," *Agriculture Today*, pp. 42-45, Oct. 2006.
- 9. Parikh, Radha. "Management of knowledge in a large-sized classroom," *International Journal of Knowledge, Culture and Change Management*, vol. 6, no. 05, pp.25-30, 2006. (Originally presented at the 6th *International Conference on Knowledge Management*, Florence, Jul, 2006.)
- 10. Viswanathan, Shiv. "Nation," *Theory, Culture and Society,* vol. 23, no. 2-3, pp. 533-538, May. 2006.
- 11. Viswanathan, Shiv. "Alternative sciences," *Theory, Culture and Society,* vol. 23 no.2-3, pp. 164-169, May. 2006.

Conference Papers

- 1. Bhatt, Amit; Abbasi, Taher and Ramanujan. "Novel architecture of EBC for JPEG2000," in *Proceedings of the 19th International Conference on VLSI Design, 2006, held jointly with 5th International Conference on Embedded Systems and Design, Hyderabad, Jan. 2006.*
- 2. Biswas, R. N.; Parikh, C. and Kishore, G. P. Krishna. "A Novel LO circuit for sub-harmonic Mixer," in *Proceedings of the 10th VLSI Design & Test Symposium*, Goa, Aug., 2006, pp. 40-46.
- 3. Purohit, S. and Chaudhary, Sanjay. "Performance Analysis of Information Services in Computational Grids," in *Proceedings of 14th International Conference on Advanced Computing and Communications*, Mangalore, Dec. 20-23, 2006, pp. 96-101.
- 4. Laliwala, Zakir; Chaudhary, Sanjay; Venus, C. and Mahajan, A. "Semantic and rules based automated negotiation," in *Proceedings of 1*st International Workshop on Service and Process-Oriented Software Engineering, Bangalore, Dec., 2006.

- 5. Laliwala, Zakir; Sorathia, Vikram; Chaudhary, Sanjay and Jain, Prateek. "Integrating stateful services in workflow," in *Proceedings of the 13th Asia Pacific Software Engineering Conference (APSEC 2006)*, 2006, pp. 131-138.
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- 7. Laliwala, Zakir and Chaudhary, Sanjay. "Event-driven dynamic web services composition: From modeling to implementation", in *Proceedings of Innovations in Information Technology*, Nov., 2006, pp. 1-5.
- 8. Laliwala, Zakir; Jain, Prateek and Chaudhary, Sanjay. "Semantic based service-oriented grid architecture for business processes," in *Proceedings of the IEEE International Conference on Services Computing*, Sep. 2006, pp. 423-430.
- 9. Laliwala, Zakir; Khosla, Rahul; Majumdar, Pritha and Chaudhary, Sanjay. "Semantic and rules based event-driven dynamic web services composition for automation of business processes," in *IEEE Services Computing Workshop, (SCW 06)*, Sep. 2006, pp. 175 182.
- Laliwala, Zakir; Sorathia, Vikaram and Chaudhary, Sanjay. "Semantic and rule based event-driven services-oriented agricultural recommendation system," in *Proceedings of* the 26th IEEE International Conference on Distributed Computing Systems Workshops, Jul., 2006, pp. 24 - 29.
- 11. Laliwala, Zakir; Sorathia, Vikram and Chaudhary, Sanjay. "Semantics based event-driven Publish/Subscribe service-oriented architecture," in *Proceedings of First International Conference on Communication System Software and Middleware*, Jan., 2006, pp. 1-5.
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- Ghodgaonkar, Deepak Kumar and Lenin, R. B. "Adaptive singlevariate rational data fitting with applications in electromagnetics," in *Proceedings of National Conference on Recent* Advancements in Microwave Technique and Applications, Jaipur, Oct., 2006, pp. 160-163.
- 15. Aris, Mohd Aziz Bin; Ghodgaonkar, Deepak Kumar and Khadri, Norasimah. "Comparison of nondestructive and noncontact dielectric measurement methods for liquids using free space microwave measurement system in 8-12.5 GHz frequency range," in *Proceedings of National Conference on Recent Advancements in Microwave Technique and Applications*, Jaipur, Oct., 2006, pp. 311-313.
- 16. Purohit, Amit Gopal M. and Gupta, Sanjeev. "A new linearity enhancing technique for low noise amplifiers," in *proceedings of the IEEE Asia Pacific Conference on Circuits and Systems*, Singapore, 2006, pp.29-32.

- 17. Gupta, Sanjeev. "Wide band multi-polarization planar array," presented at the 12th National Conference on Communications, Delhi, Jan. 2006.
- 18. Jain, Alok and Jadhav, Ashish. "Performance of MIMO under correlated rayleigh fading," in *Advances in Communications Proceedings of the 12th National Conference on Communications*, New Delhi, Jan., 2006, pp. 38-42.
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- 20. Gajjar, Prakash P.; Joshi, M. V.; Banerjee, Asim and Mitra, Suman K. "Decimation estimation and super-resolution using zoomed observations," in *Proceedings 5th Indian Conference on Computer Vision, Graphics and Image Processing (ICVGIP 2006),* [LNCS, vol. 4338], Madurai, Dec. 13-16, 2006, pp. 45-57.
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- 25. Mazumdar, Madhumita. "From improving icons to Swadeshi heroes-scientists as moral exemplars in Colonial Bengal," presented at the 19th European Conference on Modern South Asian Studies, Netherlands, Jun., 2006.
- Patel, Hima M.; Bhavsar, Arnav. V. and Mitra, Suman K. "Face recognition using modular principal component analysis and support vector machine," in *Proceedings 3rd IET* International Conference on Visual Information Engineering, (VIE2006), Sep., 2006, pp. 74-78.
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- 33. Shukla, Narendra; Rathi, Vivek and Vijay Kumar, Chakka. "An efficient adaptive window based disparity map computation algorithm by dense two frame stereo correspondence," in *Proceedings Indian Conference on Computer Vision, Graphics and Image Processing (ICVGIP 2006),* [LNCS, vol. 4338], Madurai, Dec. 13-16, 2006, pp. 894-905.
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- 2. Suhrud, Tridip. "Satyagrahna mul unda adhyatmma chhe," *Divya Bhaskar*, p. 8, *Sep.* 11, 2006.
- 3. Suhrud, Tridip. "Vyavasaylakshi shikshan ane shikshno vyasaay," *Divya Bhaskar*, p. 8, Jun. 29, 2006.
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- 6. Suhrud, Tridip. "Aapane kaayadathi vyakhyayit samaaj taraf jaee rajya chhie: kyan chhe lokshshaahi samaaj-prakruthi," *Divya Bhaskar*, p. 8, Apr. 19, 2006.
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- 8. Suhrud, Tridip. "Saamajik ane sahiyari nishphalatha," Divya Bhaskar, Mar. 14, 2006.
- 9. Suhrud, Tridip. "Aa sangh dhwarkae jay tem janatu nathi," Divya Bhaskar, Feb. 17, 2006.
- 10. Suhrud, Tridip. "Congress ane tena karbhario: Gujarat congress keval rajkiya paksh na bani rahetan ek rajkiya aandolannun swarup melavava mathaman karvi padshe," *Divya Bhaska*r, Feb. 03, 2006.
- 11. Suhrud, Tridip. "Teo to rahya hata pratharna mate...," Divya Bhaskar, Jan. 30, 2006.
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- 17. Suhrud, Tridip. "Gandhi katha: Using tradition to spread peace," *The Times of India, Ahmedabad,* p 05, Jan. 16, 2006.
- 18. Visvanathan, Shiv. "Can Ahmedabad become a 'Knowledge City' again?," *DNA Money, Ahmedabad,* p. 03, Dec. 25, 2006.
- 19. Visvanathan, Shiv. "Big bust: Amitabh Bachchan as an angry young man captured the social tension of the Sixties. Bachchan as a brand today-Big B-is superficial and empty," *Hindustan Times*, p. 08, Jan. 10, 2006.
- 20. Visvanathan, Shiv. "Do reality TV shows dehumanize?," *Economic Times,* p. 10, Aug. 23, 2006.
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