

Teacher's Profile
General Information

Name: Saptarshi Naskar

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Specialization: Graph Theory, Combinatorics

Academic Qualification : MCA

Professional Information

Joined Sarsuna College: 14.07.2008

Previous Experiences:

RKMRC, Narendrapur, 2005-2008

Research Publication

Journal/Conference Publication:

1. "Spanning Tree Generation in the Limelight", S. Naskar, K.Basuli, S.S.Sarma, and R.K.Pal, Proc. of the National Seminar on Recent Advances in Operational Research and Related Computational Aspects, Department of Applied Mathematics, University of Calcutta, Kolkata, India, pp. 57-60, Aug. 22-23, 2007.

2. "Serial Port Data Communications using MODBUS Protocol", S.Naskar, K.Basuli, and S.S.Sarma, ACM Ubiquity, Volume 9, Issue 3, January 22-28, 2008.
3. "Generation of a Random Simple Graph and Its Graphical Presentation", K.Basuli and S.Naskar, ACM Ubiquity, Volume 9, Issue 10, March 11-17, 2008.
4. "On Degree Sequence", S.Naskar, K.Basuli, S.S.Sarma, and K.N.Dey, ACM Ubiquity, Volume 9, Issue 16, April 22-28, 2008.
5. "Content-Based Image Retrieval System", M.M.Sardar, K.Basuli, and S.Naskar, ACM Ubiquity, Volume 9, Issue 32, August 12-18, 2008.
6. "When a Degree Sequence represents a Tree Sequence", S.Naskar, K.Basuli, and S.S.Sarma, ICFAI University Journal of Computer Science, Volume 2, No. 3, p.p.-62-69, 2008.
7. "Determination of Hamiltonian Circuit and Euler Trail from a Given Degree Sequence", K.Basuli, S.Naskar, and S.S.Sarma, Journal of Physical Science, Volume 12, 2008, pp.-249-252.
8. "Finding Maximum Clique Number of a Graph from its Degree Sequence", S.Naskar, K.Basuli, and S.S.Sarma, ICACT-2008, Hyderabad, Paper Id: TN285, 2008.
9. "Obscure History of Graphs", S.S.Sarma, S.Naskar, K.Basuli, and R.Halder, The ICFAI University Journal of Computer Sciences, Vol. III, No. 2, pp.74-78, 2009.
10. "An Internet-based IP Protection Scheme for Circuit Designs using Linear Feedback Shift Register(LFSR)-based Locking", R.Halder, P.S.Dasgupta, S.Naskar, and S.S.Sarma, SBCCI'09, August 31st - September 3rd, 2009, Natal, RN, Brazil, Copyright 2009 ACM 978-1-60558-705-9.
11. "Generation of All Spanning Trees of a Simple, Symmetric Connected Graph", K. Basuli, S. Naskar, S.S.Sarma, SSRN, id: 1529902, December 30, 2009
12. "Generation of All Spanning Trees", S. Naskar, K. Basuli, and S.S.Sarma, SSRN, id: 1433035, December 30, 2009
13. "A Close Encounter with Intractability", S.S.Sarma, S. Naskar, and K. Basuli, SSRN, id: , December 30, 2009
14. "An internet-based IP protection scheme for circuit designs using linear feedback shift register (LFSR)-based locking.", Raju Halder, Parthasarathi Dasgupta, Saptarshi Naskar, Samar Sen-Sarma, In Ivan Saraiva Silva, Renato Perez Ribas, Calvin Plett, editors, Proceedings of the 22st Annual Symposium on Integrated Circuits and Systems Design: Chip on the Dunes, SBCCI 2009, Natal, Brazil, August 31 - September 03, 2009. ACM, 2009.

15. "Connectedness of a Graph from its Degree Sequence and it is Relevant with Reconstruction Conjecture", S. Naskar, K. Basuli, and S.S.Sarma, Journal of Global Research in Computer Science, Vol.1, No.1, ISSN-2229-371X, August 2010.
16. "Role of Degree Sequence in Determination of Maximal Clique of a Graph", K. Basuli, S. Naskar, and S.S.Sarma, Journal of Global Research in Computer Science, Vol.1, No.2, ISSN-2229-371X, October 2010.
17. "Generation of All Spanning Trees a Combinatorial Approach", S. Naskar, K. Basuli, and S.S.Sarma, Journal of Global Research in Computer Science, Vol.1, No.4, pp. 68-74, ISSN-2229-371X, November 2010.
18. "An Internet-based IP Protection Scheme for Circuit Design using Linear Feedback Shift Register-based Locking", R. Halder, P.S. Dasgupta, S. Naskar, and S.S.Sarma, IAENG, 2010.
19. "Application of MODBUS Protocol in Serial Port Data Communication", S.Sarkar, S. Naskar, and K. Basuli, European Conference for Academic Discipline, Organized by The International Journal of Arts and Science, Gottenheim Germany, November 29 - December 3, 2010.
20. "An Internet-based IP Protection Scheme for Circuit Design using Linear Feedback Shift Register-based Locking", R. Halder, P.S. Dasgupta, S. Naskar, and S.S.Sarma, Engineering Letters, Engineering Letters Year: 2011 Vol. 19 Issue: 2 Pages/record No.: 84-94.
21. "Extracting Plain Text from Corrupted Word Document", S. Naskar, S. Sarkar, and K. Basuli, Journal of Global Research in Computer Science, Vol. 2, No. 8, pp. 21- 23, ISSN-2229-371X, August 2011.
22. Последовательный порт передачи данных с использованием протокола MODBUS, Авторы: Saptarshi Naskar, Krishnendu Basuli, Samar Sen Sarma, Перевод: Скрыпник Д.В, 2011.
23. Spanning Tree Generation in the Limelight, CCSIT 2012 in Bangalore, India.
24. Reconstruction Conjecture, CCSIT 2012 in Bangalore, India.
25. Minimizing Boolean Sum of Products Functions Using Binary Decision Diagram, CCSIT 2012 in Bangalore, India.