



Appendix E



List of Papers Based on Research Work



Appendix E: List of Papers based on Research work**Appendix E1:****Publications – Proceedings/Referred (National/International) Journals**

1. Ms. Sonal J. Rane, Prof. Satish K. Shah, MS. Dharmistha D Vishwakarma,” Performance Evaluation of Wired and Wireless Local Area Networks” in International Journal of Engineering Research and Development, ISSN: 2278-067X, Volume 1, PP.43-48, Issue 11, July 2012.
2. Ms. Sonal J. Rane, Prof. Satish K. Shah, Ms. Dharmistha D Vishwakarma, “A Simulation Study of Behaviour of Wireless Motes With Reference To Parametric Variation” in International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, ISSN 2278 – 8875, Vol. 1, PP:91-95, Issue 2, August 2012
3. Ms. Sonal J. Rane, Prof. Satish K. Shah, Ms. Dharmistha D Vishwakarma, “Analytical Approach for Performance of Wireless Sensor Networks” in International Journal of Electronics and Computer Science Engineering ,PP.1877-1884, ISSN- 2277-1956.
4. Ms. Sonal J. Rane, Prof. Satish K. Shah, Ms. Dharmistha D Vishwakarma,” Soft Computing Technique Based Throughput Optimization of GTS mechanism for IEEE 802.15.4 Standard” in International Journal of Soft Computing and Software Engineering [JSCSE], Vol. 3, No: 3, 2013.
5. Ms. Sonal J. Rane,” Throughput Optimization in IEEE 802.15.4 Using GTS Mechanism” in International Journal of Latest Research in Science and Technology ISSN (Online):2278-5299, Volume 2, Issue 1 :Page No.544-547 , January-February (2013), <http://www.mnkjournals.com/ijlrst.htm>
6. Ms. Sonal J. Rane, Prof. Satish K. Shah, MS. Dharmistha D Vishwakarma,” Soft GTS Mechanism Simulator in IEEE 802.15.4 WSN” in International Journal of Advanced Research in Computer Science and Software Engineering, ISSN: 2277 128X ,Volume 3, Issue 9, September 2013.

Appendix E2:

Presentations-Regional/National/International Conferences

1. Ms. Sonal J. Rane, Prof. Satish K. Shah, Ms. Dharmistha D Vishwakarma
“SIMULATION STUDY OF BEHAVIOUR OF WIRELESS MOTES WITH
REFERENCE TO PARAMETRIC VARIATION” at a State Level Paper Contest
called Control, Microcomputer, Electronics and Communication
(CMEC_2011)), on Sunday, February 20, 2011 Organized jointly by IETE-
Vadodara Centre and Electrical Engineering Department, Faculty of Technology
& Engineering, M.S.University of Baroda, Vadodara.
2. Ms. Sonal J. Rane, Prof. Satish K. Shah, Ms. Dharmistha D Vishwakarma
“ANALYTICAL APPROACH FOR PERFORMANCE OF WIRELESS SENSOR
NETWORK” at a State Level Paper Contest called “IT Security with 4G
Communication (ITS4GC_2012)”, on Sunday, April 22, 2012 Organized jointly
by IETE-Vadodara Centre and IE(I)-Vadodara Local Centre, Vadodara.
3. Ms. Sonal J. Rane, Prof. Satish K. Shah, Ms. Dharmistha D Vishwakarma,
“Soft Computing Technique Based Throughput Optimization of GTS mechanism
for IEEE 802.15.4 Standard” in International Conference on Soft Computing and
Software Engineering 2013 (SCSE'13), in San Francisco, California, USA.
4. Ms. Sonal J. Rane, Prof. Satish K. Shah, Ms. Dharmistha D Vishwakarma,
“ANN Based Performance Optimization Of GTS Mechanism For IEEE
802.15.4” at a State Level Paper Contest called “Soft Computing for Processing,
Security, Networking and Communication (SCPSNC_2013)”, Organized jointly
by IETE-Vadodara Center and Electrical Engineering Department, Faculty of
Technology & Engineering, M.S.University of Baroda, Vadodara on January 20,
2013.
5. Ms. Sonal J. Rane, Prof. Satish K. Shah, Ms. Dharmistha D Vishwakarma,
“Optimization of IEEE 802.15.4 Parameters” at a State Level Paper Contest
called “Target Technologies in Computing, Automation and Communication
(TTCAC_2014)” on Sunday, March 23, 2014 organized jointly by IETE-
Vadodara Centre and The Institution of Engineers (I)-Vadodara Local Centre,
Vadodara.

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Appendix E3: Awards/Prizes

- ✖ First prize in the National Paper Contest called “Soft Computing for Processing, Security, Networking and Communication SCPSNC-2013” held at Faculty of Technology & Engineering, MSU BARODA on 20th January, 2013 organized by IETE Vadodara and EED, FTE, M.S.University of Baroda, Vadodara. Paper entitled “ANN Based Performance Optimization of GTS Mechanism for IEEE 802.15.4 Standard”.