RESEARCH

The Department has published several papers in national & international journals like those listed here under:

RESEARCH / PROJECT PUBLICATIONS FROM DEPARTMENT OF CSE, APOLLO ENGINEERING COLLEGE

(July 2012 – July 2013)

JOURNAL PUBLICATIONS

*indicates referred and Scopus indexed journals

1. Priya P., Iyakutti K., **Prasanna Devi S**., "e-procurement system with embedded supplier selection DSS for an automobile manufacturing industry, International journal of database management systems Vol 4, issue 4, No.2, 2012, pp: 85-96.

2. ***S. Prasanna Devi,** S. Manivannan and K. Suryaprakasa Rao, "Comparison of non-gradient methods with hybrid Taguchi-based epsilon constraint method for multiobjective optimization of cylindrical fin heat sink", **Int J Adv Manuf Technol, Springer publications, DOI 10.1007/s00170-012-3985-7,** Volume 63, Issue 9-12, pp 1081-1094, December 2012.

3. *Getsy S Sara, **S. Prasanna Devi**, and D. Sridharan, "A Genetic-Algorithm-Based Optimized Clustering for Energy-Efficient Routing in MWSN," **ETRI Journal**, vol. 34, no. 6, Dec. 2012, pp. 922-931.

4. *S. Krishnakumar, **S. Prasanna Devi**, K. Surya Prakasa Rao, (2013) "A business dynamics model in entrepreneurial orientation for employees", Industrial and Commercial Training, **Emerald Publishers**, Vol. 45 Iss: 1, pp.36 – 50.

5. **A Vincy** and **S.Prasanna Devi**, "Geo Location based Task Management with Path Optimization", International Journal of Computer Applications 68(10):14-18, April 2013. Published by **Foundation of Computer Science, New York, USA**.

6. *Gunaselvi Manohar**, S.Prasanna Devi**, K.Suryaprakasa Rao, "Evaluation of policies to reduce transportation pollution using system dynamics", Accepted for publication in Environment Protection Engineering Journal, published by **Wroclaw University of Technology, Poland**, June 2013.

CONFERENCE PUBLICATIONS (July 2012 – July 2013)

7. **C.P. Ronald Reagan, S.Krishnaveni,** "An interactive Expert System for Dosage Planning in Type-2 Diabetes", International Conference In Magna On Emerging Engineering Trends, Magna College Of Engineering, April 2013, pp: 237-240.

8. **G.G. Shyamala Devi**, **K.Sangeetha,** "A message-in-message aware reordering opportunistic routing for wireless adhoc networks", International Conference On Advances In Engineering & Technology (ICAET 2013), Dr. M.G.R Educational and Research Institute University, Chennai, April 2013, pp: 67-69. ISBN NO: 978-81-908980-6-5

9. **Ishwarya Ramasamy , V.Siva Kumar**, "A Direct Anonymous Attestation Scheme with Enhanced Revocation Capabilities using Enhanced Privacy ID", "Emerging Marvels in Information and Computer Science Engineering", (EMICS 2013), Maria College Of Engineering And Technology , Kanyakumari District, February 2013, CC-020.

10. **A.Shiny Shantha Kumari, K.Supriya**, "Delivery Data By Using Two Protocol Position-based Opportunistic Routing protocol and Fisheye State Routing Protocol In MANET" International Conference In Magna On Emerging, Engineering Trends (ICMEET- 2K13), Magna College Of Engineering, April 2013, pp: 433-438.

11. **V.Vimal Gracy , E.Murali**, "Byzantine Fault Tolerance Of Atomic Transaction", "Emerging Marvels in Information and Computer Science Engineering", Maria College Of Engineering And Technology , Kanyakumari, 2013, CC-033.

12. **A.Vaishnavi , R.Bhanumathi,** Optimization Of Demand And Price Uncertainty In Cloud Computing, Emerging Marvels in Information and Computer Science Engineering", Maria College Of Engg. And Tech. , Kanyakumari, 2013, CC-021.

13. **T.Devi, S.Prasanna Devi,** "Offline Handwriting Recognition using Anfis and Genetic algorithm", Conference In Magna On Emerging, Engineering Trends (ICMEET- 2K13), Magna College Of Engineering, April 2013, pp: 455-458.

14. **B.Balaabirami , E.Murali**, "Secure Code Based Cloud Storage System", International Conference In Magna On Emerging Engineering Trends, Magna College Of Engineering, April 2013, pp: 37-40.

15. **Tinu Mohan, V.Sivakumar**, "USB based key lock protection for user privacy enhancement", International Conference On Advances In Engineering & Technology (ICAET 2013), Dr. M.G.R Educational and Research Institute University, Chennai, April 2013, pp: 101-106.

RESEARCH PUBLICATIONS FROM THE DCSE (JULY 2012- MARCH 2013):

International Journals (*indicates Referred & Indexed with impact factor):

1. ***S. Prasanna Devi,** S. Manivannan and K. Suryaprakasa Rao, "Comparison of non-gradient methods with hybrid Taguchi-based epsilon constraint method for multiobjective optimization of cylindrical fin heat sink", Int J AdvManufTechnol, Springer publications, DOI 10.1007/s00170-012-3985-7, Dec 2012.

2. *Manivannan S., **Prasanna Devi S.,** Arumugam R., Sudharsan N.M. and Paramasivam S., "An Experimental Investigation And Optimization Of Flat Plate Heat Sink", International Journal of Power Electronics, Inderscience publications, July 2012 (accepted for publications and listed in forthcoming   papers): http://www.inderscience.com/browse/index.php?journalID=302&action=coming

3. Priya P., Iyakutti K., **Prasanna Devi S.,** "e-procurement system with embedded supplier selection DSS for an automobile manufacturing industry, International journal of database management systems, Vol 4, issue 4, April 2012, pp:85 -96.

4. * P. Priya, Prasanna Devi S, Iyakutti K., "Supplier Score Prediction Using Hybrid Neural Network Model Based on Simple Exponential Smoothing" Advanced Materials Research, 622-623, pp:9-15, Jan 2013.

5. *Getsy S Sara, **S. Prasanna Devi**, and D. Sridharan, "A Genetic-Algorithm-Based Optimized Clustering for Energy-Efficient Routing in MWSN," ETRI Journal, vol.34, no.6, Dec. 2012, pp.922-931.

6. *Krishnakumar S, **PrasannaDevi S**, Suryaprakasa Rao K, (2013) "A Business Dynamics Model in Entrepreneurial Orientation for Employees", Industrial and Commercial Training, Emerald Publishers, Vol. 45 Iss: 1., pp: 36-50.

CONFERENCE PUBLICATIONS (JULY 2011- JULY 2012)

1. **Prasanna Devi S**., Govindaraj V., Suryaprakasa Rao K., Forecasting Of Transplant Patients Waiting List Using Neural Networks And Simple Exponential Smoothing, 26[th]Indian Engineering Congress, Bangalore, India, Dec 2011, p: 66.

2. **Murali E**., "Resolving Void problem for wireless sensor network", National conference on advances in computing and network, NCANET, Feb 2012, p: 243.