

PRESENTATIONS/PUBLICATIONS

Professional Services

Workshop for High School students and High School Teachers

1. Conducted *Workshop on Robotics* for high school students and teachers, June 2-13, 2008
2. Conducted *Workshop on Robotics and Cyber Security for High school Teachers and Students*, June 14 – July 2, 2010
3. Conducted *Workshop on Robotics and Cyber Security for High school Teachers and Students*, June 20 – 30, 2011

Special Talks

4. *Wireless Sensor Networks*, Grambling state University, Nov 20, 2007
5. *Dynamic Spectrum Allocation and Cognitive Radios*, Grambling state University, Jan 29, 2008
6. *Predicting the Demand for Spectrum Allocation through Auctions*, Grambling state University, March 11, 2008

Summer research Programs

7. **June 30 – August 8, 2008:** Minority Leaders Program – Visiting Faculty at AF Research Lab, Sensor Directorate, WPAFB, Dayton, OH
8. **May 19 – 30, 2008:** Multi University Research and Training in Information Assurance and Computer Security
9. **June 4- 15, 2007:** Multi University Research and Training in Information Assurance and Computer Security
10. **Summer 2002:** Visiting Faculty at UCF on NSF Grant
11. **Summer 2003:** Visiting Faculty at UCF on NSF Grant

Program Committee member of International Conferences

12. **SENSORCOMM 2010, 2011, 2012**
13. **International Program Committee Member:** IASTED International Conference (IASTED-ASM), 2001- date
14. **International Program Committee Member:** IASTED International Conference (IASTED-MSO), 2001- date
15. **IASTED Technical Committee member**, 2003 - date
16. **Program Committee and Executive Committee member**-Louisiana Academy of Sciences
17. **Program Committee Member** -2nd Indian International Conference on Artificial Intelligence, December 20-22, 2005
18. **Program Committee Member** -3rd Indian International Conference on Artificial Intelligence, December 17-19, 2007
19. **Program Committee Member** -4th Indian International Conference on Artificial Intelligence, December, 2009

Conference Session Chair

20. Chaired two Sessions of DSN 2008 in:
Parallel and Distributed computing and Systems by IASTED

(a) **DSN SYMPOSIUM I –APPLICATIONS, OS AND SECURITY**

(b) **DSN SYMPOSIUM II – PROTOCOLS FOR WSN**

21. MC3 - Networking and Communications 1; ITNG 2008, Session Chair
22. IASTED:Artificial Intelligence and Soft Computing, Spain, Palma De Mallorca, Spain, August 29-31, 2007
23. **Bio Informatics session**, 4th International Conference on Information Technology : New Generations ITNG 2007
24. **Mobility and Resource Management in Wireless Mobile Networks**, 4th International Conference on Information Technology : New Generations ITNG 2007 (Paper publishes in IEEE proceedings), Las Vegas, Nevada, USA April 2-4, 2007
25. **Signal Processing**, The Eighth IASTED International Conference on Signal and Image Processing (SIP 2006), August 14-16, 2006, Honolulu, Hawaii, USA
26. **Communications and Genetic Algorithm Applications**, The IASTED International Conference on Modeling, Simulation, and Optimization, (MSO 2004), August 16-18, 2004, Kauai, Hawaii, USA
27. **Computer Science session, Louisiana Academy of Sciences**
 - ✚ Computer Science, Louisiana Academy of Sciences, March 2008
 - ✚ Computer Science, Louisiana Academy of Sciences, March 2007
 - ✚ Computer Science, Louisiana Academy of Sciences, March 2006
 - ✚ Computer Science, Louisiana Academy of Sciences, March 2005
 - ✚ Computer Science, Louisiana Academy of Sciences, March 2004
 - ✚ Computer Science, Louisiana Academy of Sciences, March 2003

Papers Reviewed To International Conferences

28. ICWN 2008 – current conducted in Las Vegas
29. ITNG 2008 – current, conducted in Las Vegas
30. SENSORCOMM (IARIA conference)
31. 3rd Indian International Conference on Artificial Intelligence, December 17-IEEE International Conference on Networking, Sensing and Control, London, UK, April 15-17, 2007.
32. International Joint Conferences on Computer, Information and Systems Sciences and Engineering (CIS2E 06 - Sponsored by IEEE), December 2006, Bridgeport, USA.
33. IASTED International Conference (IASTED-ASM), 2002 - current
34. IASTED International Conference (IASTED-MSO), 2002 - Current
35. Louisiana Academy of Sciences 2003-Current
36. IEEE Journals
37. IEEE Conferences through EDAS (Review member)

Professional Achievements

Best Researcher Award

1. Recognition of Faculty Award in Researcher of Year 2007-2008 (GSU selects one person every year) - **Grambling State University**

Conference, Symposium, and Conference Chair/Track Chair

2. Chair, 2nd International Symposium on Networks and Communications in connection with ITNG 2010. April 10 – 13, 2011, Las Vegas, Nevada, USA
3. Chair, 1st International Symposium on Networks and Communications in connection with ITNG 2010. April 12 – 14, 2010, Las Vegas, Nevada, USA
4. Track Chair: Networks and Communications of ITNG 2009
Special Session on Wireless Communications and Networks
ITNG 2009: 6th International Conference on Information Technology: New Generations, April 27 – 29, 2009, Las Vegas, Nevada, USA
5. Track Chair: Networks and Communications of ITNG 2008
Special Session on Wireless Communications and Sensor Networks
ITNG 2008: 5th International Conference on Information Technology: New Generations, April 7 – 9, 2008, Las Vegas, Nevada, USA
6. 79th Louisiana Academy of Sciences, Grambling State University, Chair of the conference **Louisiana Academy of Sciences, March 2005, Conducted at Grambling State University Coordinated complete Activities and made the conference success**

Journal Editorial Board Member

1. International Journal of BITM Transactions on Electrical, Electronics, Computer and Communication
2. Science Academy Transactions on Computer and Communication Networks (SATCCN)
3. International Journal of Engineering and Industries (IJEI)
4. MASAUM Journal of Engineering and Applied Sciences (MJEAS)
5. International Journal of Security, Privacy and Trust Management (IJSPTM)
6. International Journal On Advances in Networks and Services

Publications

International Faculty Exchange Program

1. Dr. Reddy has been selected by Louisiana Board for International faculty exchange Program 2010 to conduct “High Performance Computing and Wireless Networks” course at pole University and completed the 8 Hr. Presentation successfully in March 15 – 19, 2010

Tutorials in International Conferences

2. Y. B. Reddy, Presented 3 Hours Tutorial on “Modeling Cognitive Radio to Improve the Performance of Communications”, at two conferences of IASTED -[Applied Simulation and Modelling](#) and [Communication Systems and Networks](#), Palma de Mallorca, Spain August 30, 2007.
3. Y. B. Reddy, Presented 3 Hour Tutorial on “Security Issues in Wireless Sensor Networks”, [NetWare 2011 - Nice/Saint Laurent du Var, France](#)

Books, Book Chapters, Conference Proceedings editorial

Book/Book Chapter

4. **Book chapter:** “Cloud Environment on Cognitive Radio Network for Efficient Resource Allocation”, Advances in Ad Hoc Networks Research, Nova Science Publishers, Inc. June, 2014
5. **Book:** one of the editor, “*Research Cognitive Radio Technology Applications for Wireless and Mobile Ad Hoc Networks.*”, IGI Global Publications, June 2013
6. **Book:** [Associate Editor](#), “Soft Computing Applications in Industry”, ISBN 978-3-540-77464-8, Springer 2008, Edited by Bhanu Prasad.
7. **Book Chapter:** “Nanocomputing in Cognitive Radio Networks to Improve the Performance”, in Research Cognitive Radio Technology Applications for Wireless and Mobile Ad hoc Networks, IGI Global Publications, June 2013
8. **Book Chapter:** “Application of Game Models for Cognitive Radio Networks”, in Research Cognitive Radio Technology Applications for Wireless and Mobile Ad hoc Networks, IGI Global Publications, June 2013
9. **Book Chapter:** “Data Security in Computer Networks”, A chapter in a Book “EDP – Management & Planning“, Published by Tata – McGraw-Hill, 1986.

Journal Papers

10. Y. B. Reddy., “Proposed GPU Based Architecture for Latent Fingerprint Matching”, IJCSIS, Vol. 13 No. 10 OCT 2015
11. Y. B. Reddy and Desmond Hill., “Document Selection Using MapReduce”, IJSPTM, November, 2015
12. Y. B. Reddy., “Cognitive Networks: Detecting Primary signal by Minimizing Hidden Terminal Problem”, Special Issue on Networking and Wireless sensor Networks, Science Academy Transactions on Computer and Communication Networks, June 2012.
13. Stephen Ellis, Lorson Blair and Yenumula B Reddy., “Implementing an Automatic and Event-driven System Using MEMSIC’s Professional Kit”, Special Issue on Networking and Wireless sensor Networks, Science Academy Transactions on Computer and Communication Networks, June 2012.
14. Tekesha Athill, Richard Christian, and Y. B. Reddy., “Comparison study of NS2 and NS3 simulation packages”, Special Issue on Networking and Wireless sensor Networks, Science Academy Transactions on Computer and Communication Networks, June 2012.
15. Y. B. Reddy., “Secure Packet Transfer in Wireless Sensor Networks”, Sensors and Transducers Journal (ISSN 1726-5479), Vol.14-1, Special Issue, March 2012.
16. Y. B. Reddy., “Trust-based approach in Wireless Sensor Networks Using an Agent to Each Cluster”, International Journal of Security, Privacy and Trust Management (IJSPTM), Volume 1, Number 1, February 2012.
17. Y. B. Reddy and Rastko Selmic., “A Trust-based Approach for Secure Packet Transfer in Wireless Sensor Networks”, International Journal on Advances in Security, vol 4, no 3&4, 2011.

18. Y. B. Reddy., "Spectrum selection Through Resource Management in Cognitive Environment", International Journal on Advances in Systems and Measurements, vol 4, no 1&2, year 2011.
19. Y. B. Reddy., "Potential game models for efficient resource allocation in Wireless Networks", Science Academy Transactions on Computer and Communication Networks Vol. 1, No. 1, March 2011.
20. Y. B. Reddy and Cliff Bullmaster, "Cross-layer Design in Cognitive Wireless Networks: A game Theory Approach for Optimal Transmission of Power at MAC Layer", Inviter paper, International Journal of BITM (Bengal Institute of Technology & Management) Transactions on EECC (Electrical, Electronics, Computer and Communication), March 2009.
21. Y. B. Reddy and N. Gajendar, "Evolutionary Approach for Efficient Resource Allocation in Multi-User OFDM Systems", Journal of Communications, Vol. 5, 2007.
22. Y. B. Reddy., "Multi-sensor Data Fusion: State-Of-The-Art", Journal of Information Science and Technology, October 1992.
23. Y. B. Reddy., "Data Security in Computer Networks", IPAG Journal, Vol. 6, No. 12, Sept 1979.
24. P. G. Reddy, Y. B. Reddy and A. S. Reddy., "The stability of Non-Newtonian Fluid between the Two Rotating Porous Cylinders(Wide Gap Case)", Defense Science Journal; July 1978.
25. P. G. Reddy and Y. B. Reddy., "Stability of a Non-Newtonian Fluid between two Concentric Rotating Cylinders", Defense Science Journal, Jan 1976.
26. Y. B. Reddy., "Oscillatory Motion of Laminar Flow of a Dusty Viscous Fluid", Tensor; NS, Vol. 28, 1974.
27. Y. B. Reddy., "Motion of Dusty Viscous Fluid Down an Inclined Plane", Jnanabha, July 1974.
28. Y. B. Reddy, "Flow of a Dusty Gas through Elliptical Annulus", Japanese Journal of Applied Physics, Oct. 1973.
29. Y. B. Reddy, "Stability of Visco-Elastic Fluid between two Rotating Porous Cylinders", Tensor; NS. Vol. 27, 1973.
30. Y. B. Reddy., "Flow of a Dusty Viscous Liquid through Rectangular Channel", Defense Science Journal, July 1972.
31. Y. B. Reddy., "A note on linear differential equations", Mathematics Student, 1972.

Conference Papers

32. Y. B. Reddy., "GPU-based Design for Fingerprint Matching", ACM, ICCCNT, Dallas TX, July 6-8, 2016.
33. Y. B. Reddy., "Latent Fingerprint Matching in Large Databases Using High Performance Computing", IEEE, ICNC Feb 2016.
34. Y. B. Reddy., "Access Control Mechanisms in Big Data Processing", IASTED, SEA, October 2015
35. Y. B. Reddy., "Fingerprint Matching – A Review", LAS 2015, Louisiana Academy of Sciences, march14, 2015
36. Y. B. Reddy., "Security and design Challenges in Cyber-Physical Systems", ITNG 2015, Las Vegas, USA.
37. Y. B. Reddy and A. Cherry., "Implementing Packet Transfer in wireless Networks Using PyGame", ITNG 2015, Las Vegas, USA.

38. C. Walton, Y. B. Reddy, J. Mesit., “Problem-based Learning and Group Projects to Enhance the Academic Performance, Retention, and Graduation of Computer Science Majors”, STEM education Conference, 2015
39. Y. B. Reddy., “Cloud-based Cyber Physical Systems: Design Challenges and Security Needs”, IEEE MSN 2014, HI, Dec 19-21, 2014.
40. Y. B. Reddy., “Cyber-Physical Systems: Survey”, ISDF 2014, Thessaloniki, Greece, Dec 12-14, 2014.
41. Y. B. Reddy., “Document Identification with MapReduce Framework”, The Third International Conference on Data Analytics ([DATA ANALYTICS 2014](#)), August 24 - 28, 2014 - Rome, Italy
42. Y. B. Reddy., “Role of Nanotechnology and Graphics Processing Units in Cognitive Radio Networks”, Hawaii University International Conferences on Education and STEM, 16-18 June 2014, Honolulu.
43. Tekesha Athil, Richard Christian, and Yenumula B Reddy., “CUDA Memory Techniques for Matrix Multiplication on Quadro 4000, ITNG 2014, April 7-9, 2014, Las Vegas.
44. Y. B. Reddy., “Cloud Environment on Cognitive Radio Network for Efficient Resource Allocation”, Louisiana Academy of Sciences, march 2014
45. Walton, Y.B. Reddy, and C. Akins, “Implementation of a STEM Student Success Program”, SACSCOC 2013 Annual Meeting, December 7 – 10, 2013, Atlanta, GA.
46. Y. B. Reddy., “Access Control for Sensitive Data in Hadoop Distributed File Systems”, Third International Conference on Advanced Communications and Computation, INFOCOMP 2013, November 17 - 22, 2013 - Lisbon, Portugal.
47. Y. B. Reddy., “Security Issues and Threats in Cognitive Radio Networks” AICT 2013, June 24-28, 2013, Rome, Italy.
48. Y. B. Reddy and Stephen ellis., “Modeling Cognitive Radio Networks for Efficient Data Transfer Using Cloud Link”, ITNG 2013, April 16-8, Las Vegas
49. Y. B. Reddy., “Security in cognitive radio networks”, 87th annual meeting, LAS 2013, March 9, 2013.
50. Y. B. Reddy as coauthor., “RESEARCH EXPERIENCE – STEM UNDERGRADUATE GEAR-UP”, INTEND 2013.
51. Y. B. Reddy., Security in cognitive radio networks, 87th Annual Meeting, Louisiana Academy of Sciences, March 9, 2013.
52. Y. B. Reddy., “Solving Hidden Terminal Problem in Cognitive Networks Using Cloud Application”, SENSORCOMM 2012, August 19 - 24, 2012 - Rome, Italy.
53. Y. B. Reddy., “Reforming Introductory Computer Science Classes to included Inquiry Based Projects”, The International Conference on Frontiers in Education: Computer Science and Computer Engineering (FECS'12), July 16-19, 2012, USA
54. Stephen Ellis, Lorson Blair and Yenumula B Reddy., “Implementing a Wireless Sensor Network Using MEMSIC'S Professional Kit”, The 11th International Conference on Wireless Networks (ICWN'12), July 16-19, 2012, USA
55. Y. B. Reddy., “Spectrum Detection in Cognitive Networks by Minimizing Hidden Terminal Problem”, ITNG 2012, April 16-8, Las Vegas.
56. Y. B. Reddy and Rastko Selmic., “Agent-based Trust Calculation in Wireless Sensor Networks”, SENSORCOMM 2011, August 2011.

57. Y. B. Reddy, Sanjeev Kafle, and Rastko Selmic., “Cooperative and Collaborative Approach for Secure Packet transfer in Wireless Sensor Networks”, SENSORCOMM 2011, August 2011.
58. Y. B. Reddy and Sanjeev Kafle., “Protecting data from unauthorized users using Honeypots Technique”, CSOC 2011, January 24-31, 2011
59. Y. B. Reddy and Rastko Selmic., “Secure Packet Transfer in Wireless Sensor Networks – A Trust-based Approach”, IARIA- ICN 2011, January 23-28, 2011 - St. Maarten.
60. Y. B. Reddy and Rastko Selmic., “Trust-based Packet Transfer in Wireless Sensor Networks”, Communications and Information Security (CIS2010), IASTED, Nov 8-10, 2010,USA
61. Y. B. Reddy., “Efficient Spectrum Allocation Using Case-Based Reasoning and Collaborative Filtering Approaches”, SENSORCOMM 2010, July 18-25, 2010 ([received Best Paper award](#)).
62. Y. B. Reddy and Heather Smith., “Congestion Game Model for Efficient Utilization of Spectrum”, SPIE, 2010
63. Y. B. Reddy, Heather Smith, and Michael Terrell., “Congestion game models for Dynamic Spectrum sharing”, ITNG 2010
64. Y. B. Reddy., Jan Durand, and Sanjeev Kafle., “Detection of Packet Dropping in Wireless Sensor Networks”, ITNG 2010
65. Y. B. Reddy., “Potential Game Model to Detect Holes in Sensor Networks”, IFIP/NTMS 2009
66. Y. B. Reddy, “Role of Game models in Social Networks”, SP4SPNA 2009, in Conjunction with IEEE SocialCom-09 and PASSAT-09, 29-31 August, 2009, Vancouver, Canada.
67. Y. B. Reddy, “Detecting Sinkhole Attack by Observing the Quality of Link in Wireless Sensor Networks”, ICWN’09 - The 2009 International Conference on Wireless Networks, July 13-16, Las Vegas.
68. Y. B. Reddy and S. Srivathsan, “Game Theory Model for Selective Forward Attacks In Wireless Sensor Networks”, 17th Mediterranean Conference On Control And Automat, Thessaloniki, Gr-54640, June 24-26, 2009.
69. Yenumula Reddy, Sophal Chao, Brandon Wright., “Detecting the Sinkhole Attack in Wireless Sensor Networks”, Phillip L. Young 16th Annual Research Symposium, April 2009
70. Y. B. Reddy, “A Game Theory Approach to Detect Malicious Nodes in Wireless Sensor Networks”, SENSORCOM09, Athens, Greece.
71. Nikema Smith, Y. B. Reddy, and N. Gajendar, “Cross-Layer Design Approach for Wireless Networks to Improve the Performance”, ITNG 2009
72. Y. B. Reddy and Cliff Bullmaster, “Application of Game Theory for Cross-layer Design in Cognitive Wireless Networks”, ITNG 2009.
73. Y.B.Reddy and Sophal Chao., “Detecting the Sinkhole Attack in Wireless Sensor Networks”, The Louisiana Academy of Sciences, March, 2009
74. Yenumula Reddy, Sophal Chao, Brandon Wright., “Detecting the Sinkhole Attack in Wireless Sensor Networks”, Phillip L. Young 16th Annual Research Symposium, April 2009
75. Y. B. Reddy, “Cross-layer Based Approach to Detect Idle Channels and Allocate Them Efficiently Using Markov Models”, Third International Conference on Telecommunications and Networking (CISSE-TeNe 2008 sponsored by IEEE), December 5-13, 2008, Bridgeport, USA

76. Y. B. Reddy, "Cross-layer based Approach for Efficient Resource Allocation in Wireless Cognitive Networks", Distributed Sensor Networks, DSN 2008, November 16 – 18, 2008, Orlando, Florida, USA; <http://www.actapress.com/Abstract.aspx?paperId=34320>
77. Y. B. Reddy and Cliff Bullmaster, "Cross-layer Design in Wireless Cognitive Networks", 1st International Workshop on Sensor Networks and Ambient Intelligence in conjunction with PDCAT'08, December 1-4, 2008, Dunedin, New Zealand.
78. Y. B. Reddy, N. Gajendar, and S. K. Gupta., "Application of Genetic Algorithms on Game Theory Model for Efficient Spectrum Allocation" ", WORLDCOMP'08-ICWN 2008, July 14-17, 2008, Las Vegas, NV, USA.
79. Y. B. Reddy, "Detecting Primary Signals Using Time and Space Model", WORLDCOMP'08 (ICWN 2008), July 14-17, 2008, Las Vegas, NV, USA.
80. Y. B. Reddy, "Detecting Primary Signals for Efficient Utilization of Spectrum Using Q-Learning", ITNG 2008, April 7-9, 2008, Las Vegas, Nevada, USA
81. Y. B. Reddy and N. Gajendar, "Hybrid Approach for Spectrum Bidding in Wireless Communications for Maximizing the Profit", ITNG 2008, April 7-9, 2008, Las Vegas, Nevada, USA
82. Sophal Chao and Y.B.Reddy, "On-Line Examination", ITNG 2008, April 7-9, 2008, Las Vegas, Nevada, USA
83. Y. B. Reddy, N. Gajendar, and Tyelisa C. Shields., "Intelligent Data Gathering using Mobile Nodes in Wireless Sensor Networks", Cyberspace Research Workshop", Shreveport, Louisiana, November 27, 2007
84. Y. B. Reddy., "Predicting the Demand for Spectrum Allocation Through Auctions", International Joint Conferences on Computer, Information and Systems Sciences and Engineering (CISSE 07 - Sponsored by IEEE), December 2007, Bridgeport, USA.
85. Sophal Chao and Y. B. Reddy., "E-examination ",Intellectbase International Consortium, Academic Conference, Atlanta, USA, Oct 25-27,2007
86. Paul, K. N.F., Zharro., and Y.B.Reddy., "The New Hyrec: A New Hybrid Product Recommender System", IASTED- Artificial Intelligence and Soft computing, Palma de Mallorca, Spain, August 29-31, 2007.
87. Leonard Sanders and Y. B. Reddy, "A Global Survey of HIV/AIDS and Predictions as to Further affects on the International Community", The 2007 OHTN Research Conference- Addressing HIV Vulnerability from Biology to Policy, November 19-20, 2007, Toronto, Canada.
88. Y. B. Reddy, "Optimum Spectrum Utilization through Auctions", IEEE BROADNETS 2007, Sept 10-14, 2007, Raleigh, NC, USA.
89. Y. B. Reddy and Mort Naraghi-Pour, "Genetic algorithm approach for adaptive power and subcarrier allocation in multi-user OFDM systems", Intelligent Computing: Theory and Applications V (SPIE Defense & Security Symposium), Orlando, FL, April 9-13, 2007.,
90. Y. B. Reddy, "Genetic Algorithm Approach for Adaptive Subcarrier, Bit, and Power Allocation", 2007 IEEE International Conference on Networking, Sensing and Control, London, UK, April 15-17, 2007.
91. Y. B. Reddy, "Genetic Algorithm Approach in Adaptive Resource Allocation in OFDM Systems", International Joint Conferences on Computer, Information and Systems Sciences and Engineering (CIS2E 06 - Sponsored by IEEE), December 2006, Bridgeport, USA.

92. Y. B. Reddy and Vir Phoha: "Genetic Algorithm Approach for Resource Allocation in Multi-User OFDM Systems", The Second IEEE/Create-Net/ICST International Conference on COMMunication System softWARE and MiddlewaRE COMSWARE, Jan 2007.
93. Leonard Sanders and Y. B. Reddy: "A Neural Network Approach for Automatic diagnosis for Blood Clots", IASTED- Artificial Intelligence and Applications (AIA 2007) Innsbruck, Austria - February 12–14, 2007.
94. Leonard Sanders and Y. B. Reddy, " Detecting Blood Clots using Neural Networks", 4th International Conference on Information Technology : New Generations ITNG 2007 (Paper publishes in IEEE proceedings), Las Vegas, Nevada, USA April 2-4, 2007.
95. Y. B. Reddy, N. Gajendar, Portia Taylor, and Damian Madden, "Computationally Efficient Resource Allocation in OFDM Systems: Genetic Algorithm Approach", 4th International Conference on Information Technology : New Generations ITNG 2007 (Paper publishes in IEEE proceedings), Las Vegas, Nevada, USA April 2-4, 2007
96. Y. B. Reddy., Reinforcement Learning model for Dynamic Spectrum Allocation, Louisiana Academy of Sciences, Baton Rouge, March 16, 2007
97. Y. B. Reddy, "Optimum Resource Allocation for Multiuser OFDM Systems using Reinforcement Learning Model", The Eighth IASTED International Conference on Signal and Image Processing (SIP 2006), August 14-16, 2006, Honolulu, Hawaii, USA
98. Y.B.Reddy, Minority Leaders Program Task Order 2, Sensor Research, March 21-22, Presented at GSU through Video Conference for the Air Force Meeting at Southern University, Baton Rouge, 2006.
99. Y. B. Reddy, "Reinforcement Learning for Resource Allocation in Multiuser OFDM Systems", LAS 2006, March 2006.
100. Y. B. Reddy, "Reinforcement Learning for Resource Allocation in Multiuser OFDM Systems", International Conference on Wireless Networks (ICWN'06), Monte Carlo resort, Las Vegas, Nevada, USA, June 26-29, 2006.
101. Y. B. Reddy, "Genetic Algorithm Approach for Adaptive Modulation, Bit and Power Allocation for Multiuser OFDM Systems: A survey", Technical Report, November 2005
102. Aisha Kigongo and Y, B. Reddy., "Using Genetic Algorithm to Minimize the Effect of Interference for Broadband Wireless Access Network", ACMSE 2005, 43rd Annual ACM Southeast Conferenc, March 18-20, 2005, Kennesaw State University, Kennesaw, Georgia.
103. Y. B. Reddy, "Genetic Algorithms", Air Force Grant meeting, August 2005, Baton Rouge
104. Y. B. Reddy, "Genetic Algorithm Approach for Resource Allocation in Multiuser OFDM Systems", December, 2005, baton Rouge
105. Y. B. Reddy, "Cognitive Radio using Genetic Algorithms", International Symposium on Interdisciplinary Science (ISIS) October 6-8, 2004, Northwestern State University in Natchitoches, LA (Also published in the Journal – American Institute of Physics).
106. Y. B. Reddy, "A Machine Learning Approach for Anomaly Detection using Genetic Algorithm", The IASTED International Conference on Intelligent Systems and Control, (ISC 2004), August 23-25, 2004, Honolulu, Hawaii, USA
107. Y. B. Reddy, "Genetic Algorithm Approach for Intrusion Detection", The IASTED International Conference on Modeling, Simulation, and Optimization, (MSO 2004), August 16-18, 2004, Kauai, Hawaii, USA
108. Y. B. Reddy, "Genetic Algorithm Approach for Intrusion Detection", Summer Workshop on Distributed Computing, Networking, and Security with Applications, Invited paper, August 2-6, 2004, UCF Orlando, FL.

109. Santosh K. Bethi, Vir V. Phoha, and Y. B. Reddy, "CLIQUE Clustering Approach to detect Denial-of-service Attacks", 5th Annual IEEE Information Assurance Workshop, United States Military Academy, West Point, New York, 10 – 11 June, 2004.
110. Y. B. Reddy and Ratan Guha, "Intrusion Detection using Data Mining Techniques", The IASTED International Conference on Artificial Intelligence and Applications, (AIA 2004), February 16-18, 2004, Innsbruck, Austria.
111. Y. B. Reddy., "Content-Based Document Filtering", International Conference on Information Technology, IConIT 2001, Bangkok, Thailand, May 28-30, 2001
112. M. A. Bassiouni, R.K. Guha, Y. B. Reddy, and M. Balaram., "Finite State Automation and Petri-net Models for Real-time Compliance Testing", Fifth International Conference on Information Systems Analysis and Synthesis (ISAS '99), Orlando, FL, July 31 – August 4, 1999
113. Y. B. Reddy., "Royal Road Fitness Function for Relevance Filtering in Distributed Interactive Simulations", CSMA'98, Orlando, Florida November 1 – 3, 1998
114. Y. B. Reddy., "Genetic Algorithm Approach for Relevance Filtering in Distributed Interactive Simulations:", Simulation Interoperability Workshop (SIW'98F), Orlando, Florida September 14 – 18, 1998
115. Y. B. Reddy., "The Relevance Filtering Scalability Model at Gateways in Distributed Interactive Simulations", IASTED International Conference on Applied Modeling and Simulation, August 12 –14, 1998, Hawaii.
116. Y. B. Reddy, Yolanda Wall, and Jacqueline Wall., "A Balckboard Architecture Interface for Intelligent Agents", Louisiana Academy of Sciences, February 1998
117. M. A. Bassiouni, R.K. Guha, and Y. B. Reddy., "Conformance Testing of Distributed Interactions in Simulation Networks, IASTED International Conference on Applied Modeling and Simulation, July 27 – August 1, 1997 Banaff, Canada
118. Y. B. Reddy and J. Wall., "Conformance Testing", ADSRC Annual Review, University of Houston Downtown; Houston, TX Nov 20-21, 1997
119. Y. B. Reddy., "Undergraduate Software Engineering Laboratory", Together We Can Make It Work In Louisiana, 1996
120. A State-Wide Conference on Mathematics, Science, and Engineering (MSE) – QEM Network, April 21 – 22, 1995
121. Y. B. Reddy., "Reverse Engineering: A case study using neural network software", Third Golden West International Conference on Intelligent Systems, June 6-8, 1994, Las Vegas
122. Y. B. Reddy., "Software Engineering Curriculum At Grambling State University", ASEE/DELOS annual conference at IOWA State University, June 20 – 23, 1993.
123. Y. B. Reddy., "Image Recognition Using Backpropagation Model", Computational Neuroscience Symposium – Purdue University, Oct. 17, 1992
124. Y. B. Reddy., "Connectionist Expert Systems for fault detection", National Conference on Intelligent Systems, New York, March 11 – 12, 1991.
125. Y. B. Reddy., "Commonsense Reasoning in Simple Mathematical Problem Solving", The Sixth International Conference on Technology and Education, Orlando, FL, March 21 – 23, 1989
126. Y. B. Reddy., "Interacting with Expert Systems", The First International Conference on Industrial & Engineering, Applications of Artificial Intelligence & Expert Systems. IEA/AIE – 88, June 1–3, 1988, Tullahoma, TN.

127. Y. B. Reddy and M. Balaram., "AIMTRANS: Airline Message Translation", ACM Conference 1988 SE region
128. M. Balaram and Y. B. Reddy., "Ellipsis Processing in a planned and unplanned Dialogue", ACM Conference 1987 SE region
129. P. G. Reddy, K. C. Reddy, and Y. B. Reddy., "Expert Systems Research: Adapting Technical Knowledge for Computer based Agriculture Consultancy Systems", All India Seminar on Computer as a Productivity, Oct 1985.
130. Y. B. Reddy and T. N. Rao., "Computer Networks in India: State-Of-Art", All India Seminar on Computer as a Productivity, Oct 1985.
131. Y. B. Reddy., "Planning Computer Security measures", Computer Society of India, Aug. 1978.
132. Y. B. Reddy., "Toward the technical aspects of Protection", Computer Society of India (1978).
133. P. G. Reddy and Y. B. Reddy., "File Organization: CSR-DCT structure", Second All India Symposium on Computer Architecture and Systems Design, IIT Delhi, 1976
134. P. G. Reddy and Y. B. Reddy., "File Organization: CSR-DCT Storage Management", Computer Society of India, 1976.

MLP Presentations

135. Effect of Signal Compression on Signal Geolocation, August, 2005
136. Adaptive Modulation and Adaptive Power Allocation (Optimum Resource allocation in UWB-OFDM using GA), November 2006
137. System and Hardware Research for UWB and Cognitive Radios, Minority Leaders Sensors Program Review, Panama City, March 5-8, 2007
138. System and Hardware Research for UWB and Cognitive Radios, February 2008
139. Cross-Layered Perspective of Cognitive Net, April 2010
140. Dynamic Spectrum Access Technologies for Total Spectrum Dominance, November 2011
141. Application of nanotechnology to cognitive radio, Status of Research Presentation to MLP, June 2013.
142. Application of Nanotechnology Principles to Cognitive Radio , September 20013, Dayton, OH
143. Cloud Environment on Cognitive Radio Network for Efficient Resource Allocation, July14, 2014, AFRL, Rome Laboratories, NY
144. Linux and Hadoop Clusters, July14, 2014, AFRL, Rome Laboratories, NY
145. High Performance GP-GPU Computing in Federated Hadoop Systems, September 2015, Dayton, OH
146. Design and Implementation of a Cognitive Radio Cloud Network, September 2015, Dayton, OH
- 147.

National Conferences/Workshops

Research Advisor Y. B. Reddy

Student Presentations

1. Hendrix, Michael, D. Hill, V. Sok, D. Williams, G. Hall, Vex Robotics and its role in line, LAS 2016
2. Alghanmi, Bandar, A. Albadar., Smart-Phone selection: GUI Implementation, LAS 2016
3. Hawkins, Jalen, B. Sandars., Design and implementation of Basket Ball score Board, LAS 2016
4. Jeffrey, Gardner, J. Clough, D. Williams, The cryptographic techniques using Python for secure transfer of Data, LAS 2016
5. Hill, Desmond, Retrieving a Required Document Using Hadoop Technology, LAS 2016
6. Desmond Hill., Retrieving required information from text files, March 2016
7. Gwendolyn Hall , Michael Hendrix Jr. , Vanna Sok., Vex Robotics Line sensor, March 2016
8. Bandar Alghanmi and Ahmed Albader., Smart Phones selection, ULS, Nicholas State University, LA, March 2016
9. Desmond Hill., Retrieving required information from a text file, GSU Undergraduate Symposium, March 2016
10. Bandar Alghanmi and Ahmed Albader., Smart Phones Web-Project, GSU Undergraduate Symposium, March 2016
11. Gwendolyn Hall Michael Hendrix Jr., Vanna Sok., Vex Robotics Line sensors, GSU Undergraduate Symposium, March 2016
12. Jalen Hawkins and Anthony Cherry., Implementation of the Map/Reduce framework using client server mode, GSU Undergraduate Symposium, March 2015
13. Busby Sanders and Dileon Saint-Jean., Shellshock/ Bash Door: its danger and solution, , GSU Undergraduate Symposium, March 2015
14. Desmond Hill, VEX Robot Track Navigation, Busby Sanders and Dileon Saint-Jean
15. Dairen I. Lambert, Snake 3X, Busby Sanders and Dileon Saint-Jean
16. Jalen Hawkins and Anthony Cherry:Implementation of the Map/Reduce framework using client server mode, Louisiana Academy of Sciences, march 2015
17. Busby Sanders: Shellshock/ Bash Door: its danger and solution, Louisiana Academy of Sciences, march 2015
18. Casheala Mosley and George Spears: RootKits – A malware in Unix operating systems, Louisiana Academy of Sciences, march 2015
19. Christina A. Bluford: To Perform Various Functions Using The IntelliBrain Robot, Louisiana Academy of Sciences, march 2015
20. Desmond Hill: VEX Robot Track Navigation, Louisiana Academy of Sciences, march 2014
21. Dairen I. Lambert : Snake 3X, Louisiana Academy of Sciences, march 2015
22. Cedric Small: Linked Website, Louisiana Academy of Sciences, march 2015

23. Small, C., I. Marsh., and Y.B. Reddy., “Linked Website”, Louisiana Academy of Sciences, march 2014
24. Lambert, D., S. Holmes, K.A. Warrington, and Y.B. Reddy., “Cost and time efficient internet car sales””, Louisiana Academy of Sciences, march 2014
25. Small, C., I. Marsh., and Y.B. Reddy., “Linked Website”, Louisiana Academy of Sciences, march 2014
26. Saint-Jean, D., O. Olaotan., and Y.B. Reddy (GSU) PROFIT PLUS*
27. Small, C., I. Marsh., and Y.B. Reddy., “Linked Website”, Louisiana Academy of Sciences, march 2014
28. Shrestha, A., G. Spears, and Y. B. Reddy., “The ClassMate App”, Louisiana Academy of Sciences, march 2014
29. Smith, Y. and Y.B. Reddy (GSU)., “Cloud computing and application”, Louisiana Academy of Sciences, march 2014
30. Small, C., I. Marsh., and Y.B. Reddy., “Linked Website”, Louisiana Academy of Sciences, march 2014
31. Dairen Lambert, S. Holmes and K. A. Warrington (kerrywar23@yahoo.com), Y. B. Reddy., “Cost and Time Efficient Internet Car Sales”, ULS Academic Summit, April, 2014
32. Shrestha, A., G. Spears, Y. B. Reddy , “The ClassMate App”, ULS Academic Summit, April, 2014
33. Dileon, Saint-Jean, Olaotan Olowofela, Y.B. Reddy., PROFIT PLUS, GSU presentations for ULS Academic Summit, March 2014
34. LAMBERT, DAIREN, S. Holmes and K. A. Warrington (kerrywar23@yahoo.com), Y. B. Reddy., “Cost and Time Efficient Internet Car Sales”, GSU presentations for ULS Academic Summit, March 2014
35. Shrestha, A., G. Spears, Y. B. Reddy , “The ClassMate App”, GSU presentations for ULS Academic Summit, March 2014
36. Sanford Banks., “Nanotechnology Principles to Cognitive Radio”, September 20013, Dayton,
37. Alicia Shaw., “Fault tolerant in Nanotechnology components using Neural Networks”, September 20013, Dayton,
38. Ellis, S. and Yenumula B. Reddy., “Simulating the Cognitive Networks Using Cloud to Solve Hidden Terminal Problem”, Academic Summit, University of Louisiana System, April 12, 2013
39. Ellis, S. and Yenumula B. Reddy., “Eliminating hidden terminal problem in cognitive radio networks using cloud architecture”, LAS 2013, March 9, 2013
40. Athill, T., R. Christian, Jn-Francois, S. and Y.B. Reddy., Matrix multiplication using different implementation methods in CUDA, 87th Annual Meeting, Louisiana Academy of Sciences, March 9, 2013.
41. Romeo, R., Y. Chao, and Y.B. Reddy, GPU based vector addition, 87th Annual Meeting, Louisiana Academy of Sciences, March 9, 2013.
42. Stephen Ellis and Yenumula B. Reddy.,” Simulating the Cognitive Networks Using Cloud to Solve Hidden Terminal Problems”, ERN 2013, Washington, D.C.
43. Stephen Ellis and Blair, Lorson., “Implementing a Wireless Sensor Network Using MEMSIC’S Professional Kit, Phillip L. Young 20th Annual Research Symposium, April 26, 2012.

44. Frederick, Erran and Jean–Francois Obame., “Tiger-Bot”, Phillip L. Young 20th Annual Research Symposium, April 26, 2012.
45. Ahanotu, Amaeze and Romeo Reynolds, “A Lance Detection/Crash Detection System Utilizing Radar Sensors”, Phillip L. Young 20th Annual Research Symposium, April 26, 2012.
46. Athill, Tekesha and Richard Christian., “Comparison Study of NS2 and NS3 to Simulate the Hidden Terminal problem”, Phillip L. Young 20th Annual Research Symposium, April 26, 2012.
47. Abott, Kazim, Amaeze Ahanotu, Lorson Blair, Richard Christian and Nicolas Hubbert., “Simulating the OSPF protocol using GNS3”, Phillip L. Young 20th Annual Research Symposium, April 26, 2012.
48. Ellis, Stephen, Tekesha Athill, Romeo Reynolds and Erran Fredericks., “Simulating A Network of Host Machines using Cisco Routers to connect to the Internet”, Phillip L. Young 20th Annual Research Symposium, April 26, 2012.
49. Stephen Ellis and Lorson Blair., Implementing a Wireless Sensor Network using the MEMSIC’s Professional Kit”, Emerging Researchers National (ERN) Conference in STEM, Atlanta, GA, February 23-25, 2012.
50. Athill, T., and Christian, R., “**Title:** Efficient Spectrum Allocation through Synchronized MAC protocol in Cognitive Networks”, ”, 86th Annual Meeting, Louisiana State University at Alexandria, March 3, 2012
51. Stephen Ellis and Lorson Blair., “Implementing a Wireless Sensor Network using Tiny OS and Mica Motes”, Academic Summit, University of Louisiana System, April 20, 2012
52. Chao, Yin., “**Title:** Implementation of RSA cryptography using Graphical windowing program”, ”, 86th Annual Meeting, Louisiana State University at Alexandria, March 3, 2012
53. Elias, O., and Holmes, S., “, **Title:** Channel Selection Using Zero-Sum Game with Software Defined Radio”, ”, 86th Annual Meeting, Louisiana State University at Alexandria, March 3, 2012
54. Kafle, S., “Title: Agent-based Detection and Prevention of Packet Dropping in Wireless Sensors Using Mutual Cooperation”, ”, 86th Annual Meeting, Louisiana State University at Alexandria, March 3, 2012
55. Reynolds, R., “Title: Android-Powered input Device over a Wireless Networks”, 86th Annual Meeting, Louisiana State University at Alexandria, March 3, 2012
56. Stephen Ellis and Lorson Blair., Implementing a Wireless Sensor Network using the MEMSIC’s Professional Kit”, Emerging Researchers National (ERN) Conference in STEM, Atlanta, GA, February 23-25, 2012.
57. Stephen Ellis and Lorson Blair., “Implementing a wireless sensor network using MEMSIC’s Professional Kit”, undergraduate and graduate research symposium, Grambling State University, February 1, 2012
58. Sanjeev Kafle., “Securing Wireless Sensor Networks Using Agent-Based Approach”, undergraduate and graduate research symposium, Grambling State University, February 1, 2012
59. Priscilla Frederic and Hervin Monlouis., “Security in Cloud Computing”, The 19th Annual Phyllip L. Young Research Symposium”, April 28, 2011, Grambling State University, LA.

60. Sanjeev Kafle., “Protecting Information Transformation in Wireless Sensor Network Using Collaborative Trust-based Algorithm”, The 19th Annual Phyllip L. Young Research Symposium”, April 28, 2011, Grambling State University, LA.
61. Dede Frederick.,”Health Conscious Food Menu”, The 19th Annual Phyllip L. Young Research Symposium”, April 28, 2011, Grambling State University, LA.
62. Kazim Abbot., “AtlasFIT-Fitness Trainer”, The 19th Annual Phyllip L. Young Research Symposium”, April 28, 2011, Grambling State University, LA.
63. Michael Terrell., “Non-Traditional Strategic Form of a Zero-Sum Game Implemented with Software Defined Radio”, The 19th Annual Phyllip L. Young Research Symposium”, April 28, 2011, Grambling State University, LA.
64. Jennifer Wilson., “An Expert Advisor to Criminal Layers for Judgment”, The 19th Annual Phyllip L. Young Research Symposium”, April 28, 2011, Grambling State University, LA.
65. Sanjeev Kafle., “Protection of Information Transformation Using Collaborative Trust Approach in Wireless Sensor Networks” February26, 2011; [Won the award for Best Oral Presentation in LAS 2011.](#)
66. Tekesha Athil, Richard Christin, Steven Ellis, Nelly Gassant., “Advise Me”, Louisiana Academy of Sciences” February26, 2011; [Selected for Best Oral Presentation.](#)
67. David Muganza, Kazim Abbott., “Fitness Trainer”, Louisiana Academy of Sciences” February26, 2011; [Selected for Best Oral Presentation.](#)
68. Priscilla Frederic, Hervin Monlouis, “Item Locator “,Louisiana Academy of Sciences” February26, 2011;
69. Yves Courtois., “Role of Honeypots in Information Security”, Engineering Researchers National (ERN) Conference in STEM, February 24-26, 2011, Washington, D.C. [Selected for Travel award.](#)
70. Michael Terrell., “Non-Traditional Strategic Form of a Zero Sum Game Implemented with Software Defined Radio”, Engineering Researchers National (ERN) Conference in STEM, February 24-26, 2011, Washington, D.C.
71. Smith, Heather, Cluster Algorithm via Gateways and Redefined Cluster Heads”, Phillip L. Young 17th Annual Research Symposium, April 2010.
72. Jan Durand and Sanjeev Kafley., “Selective Forward attacks in Wireless Sensor Networks“, Phillip L. Young 17th Annual Research Symposium, April 2010.
73. Msangi, Amani and Ndlabhu Nolukhanyo., “Trusting in Social Networks“,Phillip L. Young 17th Annual Research Symposium, April 2010.
74. Loni Taylor., “Detection using Position Adaptive Sensors“, Phillip L. Young 17th Annual Research Symposium, April 2010.
75. Michael Terrell., “Transferring Packets Wirelessly Using Multiple USRPs”, Phillip L. Young 17th Annual Research Symposium, April 2010.
76. Michael Terrell., “Transfer packets between the two USRPs using the tunnel”, Minority Leaders Program Review, April 2010
77. Loni Taylor., “Develop cooperative intelligent position-adaptive Navigation Solution algorithms by using MAVs data”, Minority Leaders Program Review, April 2010
78. Smith, Heather and Y. B. Reddy., “Node Clustering in Wireless Sensor Networks”, 84th Annual Meeting of The Louisiana Academy of Sciences, Feb 27, 2010
79. Durand, J., Kafley, S., and Y. B. Reddy., “Detecting and Identifying Selective Forwarding Attack Nodes in Wireless Sensor Networks”, 84th Annual Meeting of The Louisiana

- Academy of Sciences, Feb 27, 2010 ([Won the award in 2010 LAS annual meeting for best oral Presentation](#))
80. Msangi, A.C., and Y. B. Reddy., “Trusting in Social Networks”, 84th Annual Meeting of The Louisiana Academy of Sciences, Feb 27, 2010
 81. Michael Terrell., “Configuring Software Defined Radio for clear signal”, 2009 HBCU-UP, National Research Conference, October 27-29, 2009, Washington, D.C., USA.
 82. Nikema Smith., “Experiences with USRP in receiving and analyzing the signal”, 2009 HBCU-UP, National Research Conference, October 27-29, 2009, Washington, D.C., USA.
 83. Etherly, Karl and Terrel, Michael, “Efficient Communication between two Computers Using VPN Package and Routers”, Phillip L. Young 16th Annual Research Symposium, April 2009
 84. Durand, Jan and Ndlabhu, Nolukhanyo., “Elevator Control System”, Phillip L. Young 16th Annual Research Symposium, April 2009
 85. Smith, Heather and Smith Jessica., “Graduation Management tool for Undergraduate Students”, Phillip L. Young 16th Annual Research Symposium, April 2009
 86. Yenumula Reddy, Sophal Chao, Brandon Wright., “Detecting the Sinkhole Attack in Wireless Sensor Networks”, Phillip L. Young 16th Annual Research Symposium, April 2009
 87. Heather Smith and Jessica Smith., “Graduation Management tool for Undergraduate Students”, 83rd Annual Meeting of The Louisiana Academy of Sciences, March, 2009
 88. Jan Durand and Nolukhanyo Ndlabhu., “Elevator Control System”, 83rd Annual Meeting of The Louisiana Academy of Sciences, March, 2009
 89. Karl Etherly and Michael Terrel., “Efficient Communication between two Computers Using VPN Package and Routers”, The Louisiana Academy of Sciences, March, 2009
 90. Nikema Smith, Y. B. Reddy, Sophal Chao, “Cross-layer Design Approach for Wireless Networks to Improve the Performance”, 2008 HBCU-UP, National Research Conference, October 23-26, 2008, Atlanta, USA.
 91. Brandon Howard, “Improving TCP/IP Reliability over Wireless Networks”, Philip L. Young 16th Annual Research Symposium, April 24, 2008
 92. Sophal Chao and Niclous Hebbard , “Comparative study of the Auctioning Products in e-market”, Philip L. Young 16th Annual Research Symposium, April 24, 2008
 93. Etherly, Karl, “Data Mining Approach for Intrusion Detection”, Philip L. Young 16th Annual Research Symposium, April 24, 2008
 94. Guillory, Brandy, “ Fault diagnosis model in a wireless sensor Network”, Philip L. Young 16th Annual Research Symposium, April 24, 2008
 95. Wright, Brandon, “Online Adaptive Developmental Math System for Children”, Philip L. Young 16th Annual Research Symposium, April 24, 2008
 96. Smith, Nikema “Cognitive Networks and Dynamic Spectrum Sharing”, Philip L. Young 16th Annual Research Symposium, April 24, 2008
 97. Sophal Chao and Niclous Hebbard, “Hybrid Bidding Process for Auctioning Products”, 82nd Annual Meeting Of The Louisiana Academy of Sciences, Northwestern State University Of Louisiana, March 14, 2008
 98. Nikema Smith, “Role of Cognitive Radios for Efficient Utilization of Spectrum”, 82nd Annual Meeting Of The Louisiana Academy of Sciences, Northwestern State University Of Louisiana, March 14, 2008

99. Karl Etherly, "Cyber Security – Possible Attacks and Solutions", 82nd Annual Meeting Of The Louisiana Academy of Sciences, Northwestern State University Of Louisiana, March 14, 2008
100. Guillory Brandy, "Detecting a Faulty Sensor in a Sensor Network", 82nd Annual Meeting Of The Louisiana Academy of Sciences, Northwestern State University Of Louisiana, March 14, 2008
101. Brandon Wright, "On-Line Adaptive Developmental Math System for Children", 82nd Annual Meeting Of The Louisiana Academy of Sciences, Northwestern State University Of Louisiana, March 14, 2008
102. Corey Jacobs, "Simulating A Movie Rental Store", 82nd Annual Meeting Of The Louisiana Academy of Sciences, Northwestern State University Of Louisiana, March 14, 2008
103. Paul, K. N.F., Zharro, "W., E-Commerce Based Hybrid Recommendation System", Louisiana Academy of Sciences, Baton Rouge, March 16, 2007
104. Shields, T., Rickey,T., "THE "ROXY" ON-LINE THEATRE", Louisiana Academy of Sciences, Baton Rouge, March 16, 2007.
105. Sophal Chao., "The important of Flexibility for the online Examination", Louisiana Academy of Sciences, Baton Rouge, March 16, 2007
106. Ashley Williams, "Rim angle of field using C#.NET", Philip L. Young 15th Annual Research Symposium, April 28, 2005.
107. Kevin Washington, Security measures in wireless network 802.11 and message privacy", Philip L. Young 15th Annual Research Symposium, April 28, 2005.
108. Aisha Kigongo., "Minimize the effect of interference for broadband wireless access network: a genetic algorithm approach", Philip L. Young 15th Annual Research Symposium, April 28, 2005.
109. Larry Hendrix, "Machine Learning for drug design", Philip L. Young 15th Annual Research Symposium, April 28, 2005.
110. Frank Tago, "Optimization of the 3-D graphics with JOGL", Philip L. Young 15th Annual Research Symposium, April 28, 2005.
111. Jarlon Johnson, "Computer viruses and their operation in the PC world ", Philip L. Young 15th Annual Research Symposium, April 28, 2005.
112. Tago, F., "Optimization of the 3-D graphics with Jogl realizing the Basic Structure and Environment in a City," Louisiana Academy of Sciences, Grambling State University, March 18, 2005
113. Washington, K. A, "Security in Wireless Communications, Louisiana Academy of Sciences,"Grambling State University, March 18, 2005
114. Horne, L.S., "Transformation Domain Techniques for Interference Avoidance in Wireless
115. Communications", Louisiana Academy of Sciences, Grambling State University, March 18, 2005
116. Kristin J Weeler, et al., "The Mathematics and Computer Science Department Website", Philip L. Young 14th Annual Research Symposium, April 23, 2004.
117. Anthony Rugege., "Data Mining in Intrusion Detection", Philip L. Young 14th Annual Research Symposium, April 23, 2004.
118. Steven Ellis II and Shara Joshua., "An Investigation of Computer Intrusion and Hacking", Philip L. Young 14th Annual Research Symposium, April 23, 2004.

119. John Gwan., “Computer Immunology: A Practical Approach”, Philip L. Young 14th Annual Research Symposium, April 23, 2004.
120. Dedra Brown., “Data Mining: A Visual Look”, Philip L. Young 14th Annual Research Symposium, April 23, 2004.
121. Billy Hudson., “Peer-to-Peer Computing: The Good, The Bad, The Ethical”, Philip L. Young 14th Annual Research Symposium, April 23, 2004.
122. Aisha Kigongo., “Artificial Neural Networks for Misuse Detection”, Philip L. Young 14th Annual Research Symposium, April 23, 2004.
123. Aisha Kigongo, Stella Komukyeya, and Y.B.Reddy., “Artificial Neural Networks For Misuse Intrusion Detection”, Louisiana Academy of Sciences, Lake Charles, March 19, 2004.
124. Joy Saulsberry, Ernest Anye, and Y.B.Reddy., “Genetic Engineering, Human Genome Project, and its Applications in Databases”, Louisiana Academy of Sciences, Lake Charles, March 19, 2004.
125. Anthony Rugege, Lula Yohannes, and Y.B.Reddy., “Data Mining in Intrusion Detection”, Louisiana Academy of Sciences, Lake Charles, March 19, 2004.
126. Kasha McClay, Eden Tesfation, and Y.B.Reddy., “Computer Virus and Virus Protection”, Louisiana Academy of Sciences, Lake Charles, March 19, 2004.
127. John Gwan , Teame Tsegereda, and Y.B.Reddy., “Computer Immunology – A Practical Approach”, Louisiana Academy of Sciences, Lake Charles, March 19, 2004.
128. John Gwan, Lula Yohannes, and Y.B.Reddy., “Intrusion Detection Using Snort”, Louisiana Academy of Sciences, Lake Charles, March 19, 2004.
129. Brian Harris, and Y.B.Reddy., “Creating a Web-based application using ASP”, Philip L. Young 12th Annual Research Symposium, April 25, 2002.
130. Courtois Zeus, Carl Isom, and Y.B.Reddy., “Playing your own music using Java”, Louisiana Academy of Sciences, Monroe, March 22, 2002.
131. Brian Harris, Latasha Price, and Y.B.Reddy., “Comparision study of Web Browsers”, Louisiana Academy of Sciences, Monroe, March 22, 2002.
132. Jonathon Brooks, Mark Edminson, and Y.B.Reddy., “Recommendation Agents for E-Commerce Applications”, Philip L. Young 11th Annual Research Symposium, April 26, 2001
133. Pasima Sule, Crystal Rugage, Damione Moor, and Y.B.Reddy., “Internet Information Filtering with Java Server Pages”, Louisiana Academy of Sciences, Monroe, Feb. 2001
134. Victoria Briggs, and Y.B.Reddy., “Teleconferencing – Comparison Study”, Louisiana Academy of Sciences, Shrevport, Feb. 2000
135. Victoria Briggs, and Y.B.Reddy., “Installing Teleconferencing facilities”, Philip L. Young 10th Annual Research Symposium, April 27, 2000
136. Mcharthur Billings, and Y.B.Reddy., “Genetic algorithm approach in Data filtering”, ADSRC Research Grant Presentation, University of Central Florida, Orlando, FL. November 5, 1999
137. Yvette Deramus, and Travis Tarikah, and Y.B.Reddy., “Internet Filtering in the Public Libraries and Schools”, Philip L. Young 9th Annual Research Symposium, April 29, 1999, GSU.
138. Yolanda Wall, Jacqueline Wall, Yvette Deramus, and Y.B.Reddy., “Intelligent Systems”, Philip L. Young 8th Annual Research Symposium, April 30, 1998, GSU.

139. Yolanda Wall, Jacqueline Wall, and Y.B.Reddy., "A Blackboard Architecture Interface for Intelligent Agents", Louisiana Academy of Sciences, Hammond, Feb. 1998
140. Yvette Deramus, Regina Ratcliff, and Y.B.Reddy., "Intelligent Interface Agent Software", Louisiana Academy of Sciences, Feb. 1998
141. Yvette Deramus, Regina Ratcliff, Padma Reddy, and Y.B.Reddy., "Identifying the Code Covering Rules", Louisiana Academy of Sciences, Feb. 1997
142. Yolanda Wall, and Jacqueline Wall, and Y.B.Reddy., " Software Quality assurance in C/C++ programs", Louisiana Academy of Sciences, Feb. 1997
143. Yolanda Wall, Jacqueline Wall, and Y.B.Reddy., "Software Quality assurance and Industry Role", Philip L. Young 7th Annual Research Symposium, April 18, 1997
144. Jacqueline Wall, Regina Ratcliff, Padma Reddy, and Y.B.Reddy., " "Software Reuse", Louisiana Academy of Sciences, Feb. 1996
145. Dachele Weems, and Y.B.Reddy., "Software maintenance and Software Reuse", Louisiana Academy of Sciences, Feb. 1996
146. Yolanda Wall, and Y.B.Reddy., "Reverse Engineering: A case study Using Quadratic Equation", SCCoSMIC, October 20-21, 1995, University Of Houston, Downtown.
147. Weems, Dachele, and Y.B.Reddy., "Simulation of Railway Traffic Management System", SC-CoSMIC, October 20-21, 1995, University Of Houston, Downtown.
148. Yolanda Wall, and Y.B.Reddy., "Converting C-Programs to C++ Programs", 5th Annual Philip L. Young Research Symposium, April 27, 1995
149. Weems, Dachele, and Y.B.Reddy., "Traffic Management System", 5th Annual Philip L. Young Research Symposium, April 27, 1995
150. Harrison, D., W. Turner, and Y.B.Reddy., "Preparing Specifications for Software Reusable Components", Louisiana Academy of Sciences, Feb. 1995
151. Vinson, F. S. Rugege, and Y.B.Reddy., "Extracting Reusable Software Components", Louisiana Academy of Sciences, Feb. 1995
152. Latonya R. Moten, and Y.B.Reddy., "Converting conventional to Object-Oriented Programs: The role of Reverse Engineering", NAFEO, 1994
153. Freddie Vinson, and Y.B.Reddy., "Software Reusability in C++", NAFEO 1994
154. Freddie Vinson, and Y.B.Reddy., "Software Reusability Using Object-Oriented Programming", Louisiana Academy of Sciences, Feb. 1994
155. Dana Harison, and Y.B.Reddy., "Backpropogation to predict IBM Stocks", NAFEO 1993",
156. SharRonda Washington, and Y.B.Reddy., ", CLOS: Cryptanalysis: NAFEO 1993
157. Dana Harrison, and Y.B.Reddy., "Stock Prediction Using Neural Networks", Louisiana Academy of Sciences, Feb. 1993
158. SharRonda Washington, Mark Gibbs, and Y.B.Reddy., "Common LISP Object System Cryptanalysis: A Blackboard Approach", Louisiana Academy of Sciences, Feb. 1993
159. Latonya R. Moten, Lenward Seals, and Y.B.Reddy., "Queuing network models using SES/workbench simulation language", Louisiana Academy of Sciences, Feb. 1993
160. SharRonda Washington, and Y.B.Reddy., "A neural network application to Sensor Fusion", Honors Society Workshop at New Orleans, March 1992
161. SharRonda Washington, and Y.B.Reddy., "Multi-Sensor Data Fusion: Neural Network Approach", NAFEO, 1992
162. Shawn Drumgo, and Y.B.Reddy., "Neural Network Technology for Automatic Target Recognition: State-Of-The-Art", NAFEO, Washington D.C., March 1992.

163. Mark Gibbs, Herbert William, SharRonda Washington, and Y.B.Reddy., “An Object-Oriented Blackboard Approach for Multi-Sensor Data Fusion”, Louisiana Academy of Sciences, Feb 9 - 11, 1992
164. Shawn Drumgo, Herbert William, and Y.B.Reddy., “Blackboard Model Approach to Handle Uncertainty in Expert Systems”, 1st Annual Symposium: College of Science and Technology, Grambling State University, Grambling, LA., March 21, 1991.
165. Shawn Drumgo, and Y.B.Reddy., “Blackboard Model Approach to Handle Uncertainty”, NAFEO, 1991
166. Herbert William, Shawn Drumgo, and Y.B.Reddy., “ Blackboard model for Uncertainty Knowledge”, Louisiana Academy of Sciences, 65th Annual Meeting, Feb 7-8, 1991