TEXAS STATE VITA

I. ACADEMIC/PROFESSIONAL BACKGROUND

A. Name: Dr. Moonis Ali **Title: Professor**

B. Educational Background

Degree	*Year*	*University*	*Major*	*Thesis/Dissertation*
PHD	1969	Aligarh Muslim University	Physics, General	Dissertation title: "Speech Recognition Using Pattern Recognition Techniques"
MSC	1966	Aligarh Muslim University	Physics, General	
BSC	1964	Aligarh Muslim University	Physics, General	

C. University Experience

Position	*University*	*Dates*
Professor, Computer Science	Texas State University. San Marcos, TX, United States	2006 - Present
Chair and Professor, Computer Science	Texas State University. San Marcos, TX, United States	September 1, 1991 - 2006
Chair and Professor, Computer Science	University of Tennessee Space Institute. Tullahoma, TN, United States	September 1, 1983 - August 31, 1991
Associate Professor, Computer Science	Old Dominion University. Norfolk, VA, United States	September 1, 1980 - August 31, 1983
Professor, Math, and CS	Mosul University. Mosul, Iraq	1979 - 1980
Senior Researcher	Al-Hazen Research Institute. Baghdad, Iraq	1977 - 1979
Faculty/Research Engineer, EE, and CS	The University of Texas at Austin. Austin, TX, United States	1975 - 1977
Fulbright Post-Doctoral Fellow	The University of Texas at Austin. Austin, TX, United	1974 - 1975

	States	
Lecturer	Aligarh Muslim University. Aligarh, India	1968 - 1974

II. TEACHING

A. Courses Taught:

Texas State University:

CS 1318 - FOUNDATIONS

CS 1428 - FOUNDATIONS OF CS

CS 1428 - FOUNDATNS OF CS I

CS 4100 - COMP SCI INTERNSHI

CS 4100 - COMP SCI INTERNSHIP

CS 4395 - INDEPENDENT STUDY

CS 5318 - CONCEPT PROG LANG

CS 5318 - DESIGN OF PROG LANG

CS 5346 - ADV ARTIFICIAL INT

CS 5346 - ADV ARTIFICIAL INTEL

CS 5347 - EXPERT SYSTEMS

CS 5368P - MACHINE LEARNING

CS 5368Q - KNOWL REP AND REASON

CS 5368S - INTELLIGENT INTERFACE

CS 5370 - KNOWL REP & REASONING

CS 5371 - MACHINE LEARNING

CS 5372 - INTELLIGENT INTERFACE

CS 5395 - IND STUDY ADV

CS 5395 - INDEPEN STUDY ADV-CS

CS 5399A - THESIS

CS 5399B - THESIS

Old Dominion University:

Advanced Programming

Automata Theory and its Applications

Data Structures

Design of Programming Languages

The University of Tennessee:

Advanced Artificial Intelligence Programming

Artificial Intelligence

Intelligent Interfaces

Knowledge Representation and Reasoning

Machine Learning

B. Courses Prepared and Curriculum Development:

CS 4346 Artificial Intelligence, Undergraduate New Course, Texas State University. Prepared and Taught: 2019 - Present

CS 5346Advanced Artificial Intelligence, Graduate New Course, Texas State University. Prepared and Taught: 1991 - Present

Intelligent Interfaces, Graduate New Course. Prepared and Taught: 1992 - 2002.

Principles of Programming Languages, New Course, Texas State University. Prepared and Taught: 1992 - 1995.

CS 5371 Machine Learning, Graduate New Course, Texas State University. Prepared and Taught: 1992 - 2003.

CS 5347 Expert Systems, Graduate New Course, Texas State University. Taught: 1992 - 2002.

CS 5370 Knowledge Representation and Reasoning, Graduate New Course, Texas State University. Prepared and Taught: 1992 - 2002.

C. Teaching Grants and Contracts

Submitted, but not Funded, External Teaching Grants and Contracts:

Garcia, Dana M (Co-Principal), Ali, Moonis (Co-Principal), Asiabanpour, Bahram (Co-Principal), Donnelly, David (Co-Principal), Feakes, Debra A (Co-Principal). Building our Baccalaureates through Community, Academics and Technology, NSF, Federal, $1,999,998.00. (Funded: September 2008). Grant.

D. Other:

Student Accomplishments:

Supervisor, Enhance Computing Workforce & Provide Higher Education in Computer Science to Working Professionals. Status: Completed. (December 31, 2008).

Supervisor, Multimedia, Ergonomics, Design and Interface Activities (Media) Laboratory. Status: Completed. (May 31, 1996). Computer Science, Texas State University-San Marcos.

Supervisor, Real-time fault diagnosis in jet and rocket engines. Status: Completed. (August 31, 1991). Computer Science, University of Tennessee.

III. SCHOLARLY/CREATIVE

A. Works in Print (including works accepted, forthcoming, in press):

Edited Books:

Hamido Fujita, Ali Selamat, Masitah Ghazali, Moonis Ali, (2026) "Advances and Trends in Artificial Intelligence Theory and Applications", Part I, Springer Verlag.

Hamido Fujita, Ali Selamat, Masitah Ghazali, Moonis Ali, (2026) "Advances and Trends in Artificial Intelligence Theory and Applications", Part II, Springer Verlag.

Hamido Fujita · Ali Selamat, Masitah Ghazali, Moonis Ali, (2026) "Advances and Trends in Artificial Intelligence Theory and Applications", Part III, Springer Verlag.

Hamido Fujita Yutaka Watanobe Moonis Ali Yinglin Wang, (2025)"Advances and Trends in Artificial Intelligence Theory and Applications", Part I, Springer Verlag.

Hamido Fujita Yutaka Watanobe Moonis Ali Yinglin Wang, (2025) "Advances and Trends in Artificial Intelligence Theory and Applications", Part II, Springer Verlag.

Hamido Fujita, Richard Cimler, Andres Hernandez-Matamoros, Moonis Ali (2024) Advances and Trends in Artificial Intelligence. Theory and Applications. Springer Verlag.

Hamido Fujita, Yinglin Wang, Yanghua Xiao, Moonis Ali (2023) Advances and Trends in Artificial Intelligence Theory and Practices in Artificial Intelligence. Part I, Springer Verlag.

Hamido Fujita, Yinglin Wang, Yanghua Xiao, Moonis Ali (2023) Advances and Trends in Artificial Intelligence Theory and Practices in Artificial Intelligence. Part II, Springer Verlag.

Hamido Fujita, Phillipe Fournier-Viger, Moonis Ali, Yinglin Wang (2022) Advances and Trends in Artificial Intelligence. Theory and Practices in Artificial Intelligence. Springer Verlag

Hamido Fujita, Ali Selamat, Jerry Chun-Wei Lin, Moonis Ali (2021) Advances and Trends in Artificial Intelligence, Part I, Springer Verlag.

Hamido Fujita, Ali Selamat, Jerry Chun-Wei Lin, Moonis Ali (2021) Advances and Trends in Artificial Intelligence, Part II, Springer Verlag.

Hamido Fujita, Philippe Fournier-Viger, Moonis Ali, Juan Sasaki, (2020) *Trends in Artificial Intelligence Theory and Applications,* Springer Verlag

Franz Wotawa, Gerhard Friedrich, Ingo Pill, Roxane Koitz-Hristov and Moonis Ali. (2019). *Advances and Trends in Artificial Intelligence-From Theory to Practice,* (vol. 1) Springer Verlag.

Mouhoub, M., Sadaoui, S., Mohamed, O. A., & Ali, M. (2018) *Recent Trends and Future Technology in Applied Intelligence,* Springer Verlag.

Benferhat, S., Tabia, K., & Ali, M. (2017). *Advances in Artificial Intelligence from Theory to Practice*, Vol. 1, Springer Verlag.

Benferhat, S., Tabia, K., & Ali, M. (2017). *Advances in Artificial Intelligence from Theory to Practice.* (with Benferhat, Salem, Tabia, Karim) Vol. 2, Springer Verlag.

Fujita, H., Ali, M., Selamat, A., & Sasaki, J. (2016). *Trends in Applied Knowledge-Based Systems and Data Science*. Springer Verlag.

Ali, M., Kwon, Y. S., Lee, C. H., Kim, J., & Kim, Y. (2015). *Current Approaches I Applied Artificial Intelligence,* Springer-Verlag.

Ali, M. (2014). *Modern Advances in Applied Intelligence Volume# 1*. (with J.-S. Pan, S.-M. Chen, & M.-F. Horng, Eds.) (Vol. 1). Springer-Verlag.

Ali, M. (2014). *Modern Advances in Applied Intelligence Volume#2*. (with J.-S. Pan, S.-M. Chen, & M.-F. Horng, Eds.) (Vol. 2). Springer-Verlag.

Ali, M. (2013). *Contemporary Challenges and Solutions in Applied Artificial Intelligence*. (with T. Bosse, K. Hindriks, M. Hoogendoorn, C. Jonker, & J. Treur, Eds.). Springer-Verlag.

Ali, M. (2012). *Advanced Research in Applied Artificial Intelligence*. (with H. Jiang, W. Ding, & X. Wu, Eds.).

Ali, M. (2012). *Modern Advances in Intelligent Systems and Tools*. (with W. Ding, H. Jiang, & M. Li, Eds.). Springer-Verlag.

K. Mehrotra, C. Mohan, J. o, & P. Varshney Ali, M. (2011). *Advanced Research in Applied Artificial Intelligence*. (Springer-Verlag.

K. Mehrotra, C. Mohan, J. o, & P. Varshney Ali, M. *Developing Concepts in Applied Intelligence*. Springer-Verlag.

K. Mehrotra, C. Mohan, J. Oh, & P. Varshney, Ali, M. (2011). *Modern Approaches in Applied Intelligence, Part I*. Springer-Verlag.

K. Mehrotra, C. Mohan, J. Oh, & P. Varshney, Ali, M. (2011). *Modern Approaches in Applied Intelligence, Part II*. Springer-Verlag.

Garcia-Pedrajas, N., Herrera, F., Fyfe, C., & Benitez, J., Ali, M., (2010). *Trends in Applied Artificial Intelligent Systems, Part I*. Springer-Verlag.

Garcia-Pedrajas, N., Herrera, F., Fyfe, C., & Benitez, J., Ali, M. (2010). *Trends in Applied Artificial Intelligent Systems, Part II*. Springer-Verlag.

Garcia-Pedrajas, N., Herrera, F., Fyfe, C., & Benitez, J., Ali, M. (2010). *Trends in Applied Artificial Intelligent Systems, Part III*. Springer-Verlag.

Chien, B.-C., Hong, T.-P., & Chen, S.-M., Ali, M., (2009). *Next Generation Applied Artificial Intelligence*. Springer-Verlag.

N. Nguyen, L. Borzemski, & A. Grzech, Ali, M. (2008). *New Frontiers in Applied Artificial Intelligence*. (Springer-Verlag.

H. Okuno, Ali, M. (2007). *New Trends in Applied Artificial Intelligence*. (with H. Okuno, Ed.). Springer-Verlag.

Ali, M. (2006). *Advances in Applied Artificial Intelligence*. (with R. Dapoigny, Ed.). Springer-Verlag.

Ali, M. (2005). *Innovations in Applied Artificial Intelligence*. (with F. Esposito, Ed.). Springer-Verlag.

B. Orchard & C. Chungsheng, Ali, M. (2004). *Innovations in Applied Artificial Intelligence*. Springer-Verlag.

P. Chung & C. Hinde, Ali, M. (2003). *Developments in Applied Artificial Intelligence*. Springer-Verlag.

T. Hendtlass, Ali, M. (2002). *Developments in Applied Artificial Intelligence*. Springer-Verlag.

L. Monostori & J. Váncza, Ali, M. (2001). *Engineering of Intelligent Systems*. (With L. Monostori & J. Váncza, Eds.). Springer-Verlag.

R. Loganantharaj & G. Palm, Ali, M. (2000). *Intelligent Problem Solving*. Springer-Verlag.

I. Imam, Y. Kodratoff, & A. El-Dessouki, Ali, M. (1999). *Multiple Approaches to Intelligent Systems*. Springer-Verlag.

J. Mira & A. Pasqual del Pobil, Ali, M. (1998). *Methodology and Tools in Knowledge-Based Systems*. Springer-Verlag.

J. Mira & A. Pasqual del Pobil, Ali, M. (1998). *Tasks and Methods in Applied Artificial Intelligence*. Springer-Verlag.

2. Refereed Journal Articles:

Hamido Fujita, Philippe Fournier-Viger, Moonis Ali, Yinlin Wang, (2022), Advances in Artificial Intelligence: Theory and Practice, Interactive *Artificial Intelligence Magazine, 2022.*

Hamido Fujita, Ali Selamat, Jerry Chun-Wei Lin, Moonis Ali, (2021), Advances in Theory and Applications of Artificial Intelligence, Interactive *Artificial Intelligence Magazine, 2021*.

Hamido Fujita, Philippe Fournier-Viger, Moonis Ali, Juan Sasaki, (2020), Advances in Theory and Applications of Artificial Intelligence, *Artificial Intelligence Magazine, 41 (4).*

Franz Wotawa, Gerhard Friedrich**, Ingo Pill*, Roxane Koitz-Hristov* and Moonis Ali, (2019), Current Approaches in Applied Artificial Intelligence. *Artificial Intelligence Magazine, 40* (4).

Mouhoub, M., Sadaoui, S., Mohamed, O. A., & Ali, M. (2018). Intelligent Systems: Technological Advances in Applied Intelligence. *Artificial Intelligence Magazine*, *39* (4).

Benferhat, S., Tabia, K., & Ali, M (2017). Intelligent Systems: Trends and challenges. *Artificial Intelligence Magazine, 38*(4).

Ali, M., & Ke, M. (1991). A Knowledge-Directed Induction Methodology for Intelligent Database Systems. *International Journal of Expert Systems*. Published.

Ali, M., & Ke, M. (1991). Induction in Data Base Systems. *Applied Intelligence*, *1*, 263–270.

Ali, M. (1990). Intelligent Problem-Solving Systems in Aerospace. *The Knowledge Engineering Review*. Published.

Ali, M., Dietz, W. E., & Kiech, E. L. (1989). Neural Network Models Applied to Real-Time Fault Diagnosis. *Journal of Neural Network Computing*, *1*. Published.

Ali, M. (1985). Robots in Space Exploration II. *CSIO Communications*. Published.

Ali, M., Aggarwal, J. & Martin, W. N. (1979). Color-Based Computer Analysis of Aerial Photographs. *Computer Graphics and Image Processing*, *9*. Published.

Ali, M. (1977). Mathematical Picture Grammar Applied for Script Generation. *Computer Graphics and Image Processing*, 93–102.

Ali, M., & Aggarwal, J. (1977). Automatic Interpretation of Infrared Aerial Color Photographs of Citrus Orchards Having Infestations of Insect Pests and Diseases. *IEEE Transactions on Geoscience and Electronics*, *GE-15*. Published.

Ali, M. (1976). Reduction and Recognition of Speech Spectra by Computers. *Journal of the Institution of Electronics and Telecommunications Engineers*, *22*, 649–652. Published.

Ali, M. (1973). Syllable Recognition Using Adaptive Pattern Recognition Techniques. *Journal of the Institution of Telecommunication Engineers*. Published.

Ali, M., & Ahmed, R. (1972). Reduction of Dimensions of Patterns for Machine Recognition of Speech. *Journal of the Institution of Telecommunications Engineers*. Published.

Ali, M., & Ahmed, R. (1971). Realization of Non-Linearly Separable Switching Functions. *IEEE Transactions on Computers*. Published.

3. **Conference Proceedings:**

Hamido Fujita, Ali Selamat, Masitah Ghazali, Moonis Ali, (2026) Proceedings of the Thirty-Nineth International Conference on Industrial, Engineering and Other Applications of Applied Intelligent Systems, IEA/AIE2026, Kuala Lumpur, Malaysia, July 6-9, 2026.

Hamido Fujita Yutaka Watanobe Moonis Ali Yinglin Wang, (2025) Proceedings of the Thirty Eighth International Conference on Industrial, Engineering and Other Applications of Applied Intelligent Systems, IEA/AIE 2025 Kitakyushu, Japan, July 1–4, 2025.

Hamido Fujita, Richard Cimler, Andres Hernandez-Matamoros, Moonis Ali (2024). Proceedings of the Thirty Seventh International Conference on Industrial, Engineering and Other Applications of Applied Intelligent Systems, IEA/AIE 2024, Hradec Kralove, Czech Republic, July 10–12, 2024,

Hamido Fujita, Yinglin Wang, Yanghua Xiao, Moonis Ali (2023). Proceedings of the Thirty Sixth International Conference on Industrial, Engineering and Other Applications of Applied Intelligent Systems, IEA/AIE2023, Shanghai, China, July 19–22, 2023.

Hamido Fujita, Phillipe Fournier-Viger, Moonis Ali, Yinglin Wang (2022). Proceedings of the Thirty fifth International Conference on Industrial, Engineering and Other Applications of Applied Intelligent Systems, IEA/AIE 2022, Kitakyushu, Japan, July 19-22, 2022.

Hamido Fujita, Ali Selamat, Jerry Chun-Wei Lin, Moonis Ali, (2021). Proceedings of the Thirty fourth International Conference on Industrial, Engineering and Other Applications of Applied Intelligent Systems, IEA/AIE 2021, Kuala Lumpur, Malaysia, July 26–29, 2021, Proceedings, Part I.

Hamido Fujita, Ali Selamat, Jerry Chun-Wei Lin, Moonis Ali, (2021). Proceedings of the Thirty fourth International Conference on Industrial, Engineering and Other Applications of Applied Intelligent Systems, IEA/AIE 2021, Kuala Lumpur, Malaysia, July 26–29, 2021, Proceedings, Part II.

Hamido Fujita, Philippe Fournier-Viger, Moonis Ali, Juan Sasaki, (2020). Proceedings of the Thirty Third International Conference on Industrial, Engineering, & Other Applications of Applied Intelligent Systems (IEA/AIE-2020), Kitakyushu, Japan, Sept. 22-25, 2020, Springer

Wotawa, F., Friedrich, G., Pill, I. Koitz-Hristov, R., Ali, M. (2019). Proceedings of the Thirty Second International Conference on Industrial, Engineering, &

Other Applications of Applied Intelligent Systems (IEA/AIE-2019), Graz, Austria, July 9-11, 2019, Springer

Mouhoub, M., Sadaoui, S., Mohamed, O. A., & Ali, M. (2018). Proceedings of the Thirty first International Conference on Industrial, Engineering, & Other Applications of Applied Intelligent Systems (IEA/AIE-2018), Montreal, Canada, June 25 - 28, 2018. Springer.

Benferhat, S., Tabia, K., & Ali, M. (2017). Proceedings of the Thirtieth International Conference on Industrial, Engineering, & Other Applications of Applied Intelligent Systems (IEA/AIE-2017), Arras, France, June 27 - 30, 2017.

Fujita, H., Ali, M., Selamat, A., & Sasaki, J. (2016). Proceedings of the Twenty-Nine International Conference on Industrial, Engineering, & Other Applications of Applied Intelligent Systems (IEA/AIE-2016), Morioka, Japan, August 2 – 4, 2016.

Ali, M., Kwon, Y. S., Lee, C. H., Kim, J., & Kim, Y. (2015). Proceedings of the Twenty-Eight International Conference on Industrial, Engineering, & Other Applications of Applied Intelligent Systems (IEA/AIE), Soul, South Korea, June 10 – 12, 2015, Soul, South Korea, June 10 - 12, 2015.

Ali, M., Pan, J.-S., Chen, S.-M., & Horng, M.-F. (2014). Proceedings of the Twenty seventh International Conference on Industrial, Engineering, & Other Applications of Applied Intelligent Systems (IEA/AIE), Kaohsiung, Taiwan, June 3 - 6, 2014.

Ali, M., Bosse, T., Hindriks, K., Hoogendoorn, M., Jonker, C., & Treur, J. (2013). Proceedings of the Twenty Sixth International Conference on Industrial, Engineering, & Other Applications of Applied Intelligent Systems (IEA/AIE), Amsterdam, Netherlands, June 17 - 21, 2013.

Ali, M., Ding, W., Jiang, H., & Li, M. (2012). Proceedings of the Twenty Fifth International Conference on Industrial, Engineering, & Other Applications of Applied Intelligent Systems (IEA/AIE), Dalian, China, June 9 - 12, 2012.

Mehrotra, K., Mohan, C., Oh, J. C., & Varshney, P., Ali, M. (2011). Proceedings of the Twenty Fourth International Conference on Industrial, Engineering, & Other Applications of Applied Intelligent Systems (IEA/AIE-2011).

Garcia-Pedrajas, N., Herrera, F., Fyfe, C., & Benitez, J., Ali, M., (2010). Proceedings of the Twenty Third International Conference on Industrial, Engineering, & Other Applications of Applied Intelligent Systems (IEA/AIE-2010),

Ali, M. (2009). “A Successful Computer Science Curriculum for Non-Majors” 2009 Best Practices Conference February 11-12, 2009, University of Texas at Austin. Austin, The Conference was sponsored by the Texas Engineering and Technical Consortium.

Chien, B.-C., Hong, T.-P., & Chen, S.-M., Ali, M., (2009). Proceedings of the Twenty Second International Conference on Industrial, Engineering, & Other Applications of Applied Intelligent Systems (IEA/AIE-2009).

Nguyen, N. T., Borzemski, L., & Grzech, A., Ali, M., (2008). Proceedings of the Twenty First International Conference on Industrial, Engineering, & Other Applications of Applied Intelligent Systems (IEA/AIE-2008).

Ali, M. (2008) “Sustaining Enrollment Growth through Collaboration and the Use of Technology” 2008 Best Practices Conference February 28-29, 2008, Southern Methodist University, Dallas. The Conference was sponsored by the Texas Engineering and Technical Consortium.

H. Okuno, Ali, M., (2007). Proceedings of the Twentieth International Conference on Industrial, Engineering, & Other Applications of Applied Intelligent Systems (IEA/AIE-2007).

83. Moonis Ali, “Enhancing Computing Workforce by Providing Higher Education to Working Professionals”, Best Practices Conference Sponsored by Texas Engineering and Technical consortium and Texas Higher Education Coordinating Board, Southern Methodist University, Dallas, January 2006.

Ali, M., & Dapoigny, R. (2006). Proceedings of the Nineteenth International Conference on Industrial, Engineering, & Other Applications of Applied Intelligent Systems (IEA/AIE-2006).

Ali, M., & Esposito, F. (2005). Proceedings of the Eighteenth International Conference on Industrial and Engineering Applications of Artificial Intelligence and Expert Systems (IEA/AIE-2005).

Orchard, B., & Ali, M., (2004). Proceedings of the Eighteenth International Conference on Industrial and Engineering Applications of Artificial Intelligence and Expert Systems (IEA/AIE-2005).

Chung, P., & Hinde, C., Ali, M., (2003). Proceedings of the Sixteenth International Conference on Industrial and Engineering Applications of Artificial Intelligence and Expert Systems (IEA/AIE-2003).

Hendtlass, T. & Ali, M., (2002). Proceedings of the Fifteenth International Conference on Industrial and Engineering Applications of Artificial Intelligence and Expert Systems (IEA/AIE-2002).

Monostori, L., & Váncza, J., Ali, M., (2001). Proceedings of the Fourteenth International Conference on Industrial and Engineering Applications of Artificial Intelligence and Expert Systems (IEA/AIE-2001.

Loganantharaj, R., & Palm, G., Ali, M., (2000). Proceedings of the Thirteenth International Conference on Industrial and Engineering Applications of Artificial Intelligence and Expert Systems (IEA/AIE-2000).

Imam, I., Kodratoff, Y., & El-Dessouki, A. Ali, M., (1999). Proceedings of the Twelfth International Conference on Industrial and Engineering Applications of Artificial Intelligence and Expert Systems (IEA/AIE-99).

Mira, J., & Pasqual del Pobil, A., Ali, M., (1998). Proceedings of the Eleventh International Conference on Industrial and Engineering Applications of Artificial Intelligence and Expert Systems (IEA/AIE-98) (Vol. 1).

Potter, W., & Matthews, M., Ali, M., (1997). Proceedings of the Tenth International Conference on Industrial and Engineering Applications of Artificial Intelligence and Expert Systems (IEA/AIE-97).

Tanaka, T., Ohsuga, S., & Ali, M., (1996). Proceedings of the Ninth International Conference on Industrial and Engineering Applications of Artificial Intelligence and Expert Systems (IEA/AIE-96),

Ali, M., & Takasu, A. (1996). "Sampling Effectiveness in Discovering Functional Relationships in Databases," Proceedings of the Ninth International Conference on Industrial and Engineering Applications of Artificial Intelligence and Expert Systems (IEA/AIE-96), Fukuoka, Japan, Gordon & Breach, June 4-7, 1996.

Ali, M., & Takasu, A. (1995). "A Rule Discovery Method Based on Approximate Dependency Inference," Proceedings of the Eighth International Conference on Industrial and Engineering Applications of Artificial Intelligence and Expert Systems (IEA/AIE-95), Melbourne, Australia, Gordon & Breach, June 5-9, 1995.

Forsyth, G., Ali, M., (1995). Proceedings of the Eighth International Conference on Industrial and Engineering Applications of Artificial Intelligence and Expert Systems (IEA/AIE-95),

Anger, F., & Rodriguez, R. Ali, M., (1994). Proceedings of the Seventh International Conference on Industrial and Engineering Applications of Artificial Intelligence and Expert Systems (IEA/AIE-94),

Chung, P., & Lovegrove, G., Ali, M., (1993). Proceedings of the Sixth International Conference on Industrial and Engineering Applications of Artificial Intelligence and Expert Systems (IEA/AIE-93).

Ali, M., Bezdek, J., & Ford, K. (1991). Proceedings of the Fourth International Conference on Industrial and Engineering Applications of Artificial Intelligence and Expert Systems (IEA/AIE-91).

Publications in Refereed Conference Proceedings:

Ali, M., & Gupta, U. K. (1990). "An Expert System for Fault Diagnosis in a Space Main Engine," 26th AIAA/SAE/ASME/ASEE Joint Propulsion Conference, Orlando, FL, July 16-18, 1990.

Ali, M., & Gupta, U. K. (1990). "Artificial Intelligence Techniques for Ground Test Monitoring of Rocket Engines," 26th AIAA/SAE/ASME/ASEE Joint Propulsion Conference, Orlando, FL, July 16-18, 1990.

Ali, M., & Ke, M. (1990). "Knowledge-Directed Induction in a D B Environment," Proceedings of the Third International Conference on Industrial and Engineering Applications of Artificial Intelligence and Expert Systems, Charleston, SC, July 16-18, 1990.

Ali, M., Whitehead, B. A., & Ferber, H. J. (1990). "Neural Network Approach to Space Shuttle Main Engine Health Monitoring," 26thAIAA/SAE/ASME/ASEE Joint Propulsion Conference, Orlando, FL, July 16-18, 1990.

Ali, M., & Matthews, M. (1990). Proceedings of the Third International Conference on Industrial and Engineering Applications of Artificial Intelligence and Expert Systems (IEA/AIE-90).

Ali, M., Whitehead, B. A., & Kiech, E. L. (1990). "Rocket Engine Diagnostics Using Neural Networks," 26th AIAA/SAE/ASME/ASEE Joint Propulsion Conference, Orlando, FL, July 16-18, 1990.

Ali, M., & Ke, M. (1989). "A Learning, Representation and Diagnostic Methodology for Fault Diagnosis," Proceedings of the Second International Conference on Industrial and Engineering Applications of Artificial Intelligence and Expert Systems, Tullahoma, TN, June 6-9, 1989.

Ali, M., & Washington, E. S. (1989). "An Object-Oriented Expert System for Coal-Fired MHD Power Plant Fault Monitoring and Diagnosis," Proceedings of the Second International Conference on Industrial and Engineering Applications of Artificial Intelligence and Expert Systems, Tullahoma, TN, June 6-9, 1989.

Ali, M., Dietz, W. E., & Kiech, E. L. (1989). "Classification and Data Patterns Using an Auto associative Neural Network Topology," Proceedings of the Second International Conference on Industrial and Engineering Applications of Artificial Intelligence and Expert Systems, Tullahoma, TN, June 6-9, 1989.

Ali, M., & Gupta, U. K. (1989). "LEADER - An Integrated Automatic Learning and Fault Diagnostic Expert System for Space Shuttle Main Engine (SSME)," Proceedings of the Second International Conference on Industrial and

Engineering Applications of Artificial Intelligence and Expert Systems, Tullahoma, TN, June 6-9, 1989.

Ali, M., Bezdek, J., Merrill, W., & Pin, F. (1989). Proceedings of the Second International Conference on Industrial and Engineering Applications of Artificial Intelligence and Expert Systems (IEA/AIE-89).

Ali, M., Dietz, W. E., & Ferber, H. J., (1989). "Space Shuttle Main-Engine Component Assembly, Assignment and Scheduling Expert System," Proceedings of the Second International Conference on Industrial and Engineering Applications of Artificial Intelligence and Expert Systems, Tullahoma, TN, June 6-9, 1989.

Ali, M., Maren, A. & Minsky, V. (1988)., "A Multilayer Cooperative/Competitive Method for Creating Hierarchical Structures by Clustering Maximally-Related Nodes," Proceedings of the IEEE Second International Conference on Neural Networks, San Diego, CA, July 24-27, 1988.

Ali, M., & Ferber, H. (1988). "Automatic Acquisition of Domain and Procedural Knowledge," Proceedings of the First International Conference on Industrial and Engineering Applications of Artificial Intelligence and Expert Systems, The University of Tennessee Space Institute, Tullahoma, TN, pp 762-771, June 1-3, 1988.

Ali, M., & Subramanian, C. (1988). "Detecting Abnormal Situations from Real Time Power Plant Data Using Machine Learning," Proceedings of the First International Conference on Industrial and Engineering Applications of Artificial Intelligence and Expert Systems, The University of Tennessee Space Institute, Tullahoma, TN, pp 738-746, June 1-3, 1988.

Ali, M., & Gupta, U. (1988). "Hierarchical Representation and Machine Learning from Faulty Jet Engine Behavioral Examples to Detect Real Time Abnormal Conditions," Proceedings of the First International Conference on Industrial and Engineering Applications of Artificial Intelligence and Expert Systems, The University of Tennessee Space Institute, Tullahoma, TN, pp 710-720, June 1-3, 1988.

Ali, M., & Maren, A., (1988). "Hierarchical Scene Structure Representations to Facilitate Image Understanding," Proceedings of the First International Conference on Industrial and Engineering Applications of Artificial Intelligence and Expert Systems, The University of Tennessee Space Institute, Tullahoma, TN, pp 657-667, June 1-3, 1988.Ali, M., & Ke., M. (1988). MLS, A Machine Learning System for Engine Fault Diagnosis.

Ali, M., Dietz, W. & Kiech, E., (1988). "Pattern-Based Fault Diagnosis Using Neural Networks," Proceedings of the First International Conference on Industrial and Engineering Applications of Artificial Intelligence and Expert

Systems, The University of Tennessee Space Institute, Tullahoma, TN, pp 13-23, June 1-3, 1988.

Ali, M., & Washington, E. (1988). "Pisces: An Expert System for Coal-Fired Power Plant Monitoring and Diagnostics," Proceedings of the First International Conference on Industrial and Engineering Applications of Artificial Intelligence and Expert Systems, The University of Tennessee Space Institute, Tullahoma, TN, pp 87-93, June 1-3, 1988.

Ali, M., & Roberds, R. (1988). Proceedings of the First International Conference on Industrial and Engineering Applications of Artificial Intelligence and Expert Systems (IEA/AIE-88).

Ali, M., & Crawford, R. (1988). "Rocket Engine Control and Monitoring Expert Systems (RECMES)," Proceedings of AIAA/ASME/ASEE 24th Joint Propulsion Conference, Boston, MA, July 11-13, 1988

Ali, M., & Dietz, W., (1987). Qualitative and Temporal Reasoning in Engine Behavior Analysis and Fault Diagnosis. Proceedings of the Third Annual Conference on Artificial Intelligence for Space Applications, Huntsville, AL, November 2-3, 1987.

Ali, M. (1986). A Natural Language Interface for Real-Time Communication. Proceedings of Artificial Intelligence for Space Applications, Huntsville, AL, November 13-14, 1986.

Ali, M., E. Washington. (1986). A Plant Intelligent Supervisor Control Expert Systems. " Proceedings of the ACM-IEEE Fall Joint Computer Conference, Dallas, TX, November 2-6, 1986.

Ali, M. (1986), et al. PISCES: An Intelligent Computer Aid to Power Plant Operators. Proceedings of Wattec 86: 13th Annual Energy Conference, Knoxville, TN, February 11-14, 1986.

Ali, M., et al, (1986). A Flight Expert System (FLES) for On-Board Monitoring and Diagnosis. ," Proceedings of SPIE Technical Symposium, Orlando, FL, March 31-April 4, 1986.

Ali, M., & Washington, E. (1986). Semantic Based Man-Machine Interface for Real Time Communication. Proceedings of the 1986 IEEE Military Communications Conference, Monterey, CA, October 5-9, 1986.

Ali, M. (1985). Sensor-Based Diagnosis in a Flight Expert System. Proceedings of the Second Conference on Artificial Intelligence Applications," Miami Beach, FL, December 9-13, 1985.

Ali, M. (1985). A Flight Expert System (FLES) For On-Board Fault Monitoring and Diagnosis. Proceedings of the International Symposium and Exposition on Industrial Artificial Intelligence Systems, Research Applications, & Software Development, November 4-7, 1985.

Ali, M. (1985). Expert Systems for Real-Time Fault Monitoring and Diagnosis in Space Vehicles. In *Proceedings of the AI Conference on Artificial Intelligence from Outer Space Down to Earth*.

Ali, M. (1985). An Expert System for Power Plant Monitoring and Diagnostics. In *Proceedings of the 1985 ASME International Computers in Engineering Conference*.

Ali, M. (1985). Knowledge-based Computer Expert Systems. Proceedings of the TABES-85, Huntsville, AL, April 23-25, 1985.

Ali, M. (1984). Robots in Space Exploration. Proceedings of the World Instrumentation Symposium, December 1984.

Ali, M. (1984). "Programming a Micro-Computer Controlled 'Smart' End Effector," Proceedings of the First Conference on Artificial Intelligence Applications, December 1984.

Ali, M. (1984). "EX: An Expert System for Power Plant Management," Proceedings of the Conference on Applied AI and Knowledge-Based Expert Systems, November 1984.

Ali, M., & Fonseca, J. (1984). A Micro-Computer Controlled “Smart” End Effector. Proceedings of the Working Conference on Industrial Robotics in Discrete Manufacturing, Como, Italy, June 6-8, 1984.

Ali, M., W.N. Martin, and J.K. Aggarwal:
"Color-Based Computer Analysis of Aerial Photographs," Computer Graphics and Image Processing, Vol. 9, No. 3, March 1979.

Ali, M.: and J.K. Aggarwal:
"Automatic Interpretation of Infrared Aerial Color Photographs of Citrus Orchards Having Infestations of Insect Pests and Diseases," IEEE Transactions on Geoscience and Electronics, Vol. GE-15, No. 3, July 1977.

Ali, M.:
"Mathematical Picture Grammar Applied for Script Generation," Computer Graphics and Image Processing, No. 6, pp. 93-102, 1977.

Ali, M.:
"Reduction and Recognition of Speech Spectra by Computers," Journal of the Institution of Electronics and Telecommunications Engineers, Vol. 22, No. 10, pp. 649-652, 1976.

Ali, M. (1976). Computers Applied for the Recognition of Hindi Syllables. ," Proceedings of the 1976 IEEE International Conference on Acoustics, Speech and Signal Processing, Philadelphia, 1976.

Ali, M., & Aggarwal, J., (1976). Automatic Detection and Classification of Crop Insect Pests and Diseases from Infrared Aerial Color Photographs.

Ali, M. (1974). Printing of Computer Output in Multilingual Scripts. Proceedings of the Seminar Organized by the Computer Society of India, Madras, March 1974.

Ali, M., & Khan, I. A. (1973). Language Transcription by Computers. Proceedings of the Symposium on Digital Image Processing, Indian Institute of Science, Bangalore, November-December 1973.

Ali, M. and Ahmed, R. (1973):
"Syllable Recognition Using Adaptive Pattern Recognition Techniques," Journal of the Institution of Telecommunication Engineers, December 1973.

Ali, M. (1973). Computers Applied for the Recognition of Spoken Patterns. ," Proceedings of the Seminar on Computer Applications, Calcutta, February 1973.

Ali, M. (1973). Dimension Reduction and Recognition of Spoken Patterns by Computers. Proceedings of the Seminar organized by the Computer Society of India, February 1973.

Ali, M. (1973). Software and Hardware Approach to Pattern and Speech Recognition. Proceedings of the Seminar on Speech and Hearing, A.M.U., Aligarh, January 1973.

Ali, M., & Ahmed, R (1972):
"Reduction of Dimensions of Patterns for Machine Recognition of Speech," Journal of the Institution of Telecommunications Engineers, February 1972.

Ali, M., & Ahmed, R (1971):
"Realization of Non-Linearly Separable Switching Functions," IEEE Transactions on Computers, June 1971.

Ali, M., & Ahmed, R. (1970). Theoretical Aspects of Automatic Pattern Recognition Mechanism Using Adaptive Threshold Logic. Proceedings of the Symposium on Instrumentation and Automation, March 1970, Organized by B.I.T., Ranchi.

Ali, M., & Ahmed, R. (1969). Speech Recognition using Adaptive Threshold Logic. Proceedings of the Symposium on Electronic Instrumentation and Communication Systems, J.K. Institute of Applied Physics and Technology, Allahabad, February 1969.

Ali, M., & Ahmed, R. (1969)."Speech and Pattern Recognition Techniques," Proceedings of the Symposium on Space Era Communication, IIT Delhi, May 1969.

Ali, M. (1969). “Speech Recognition Using Pattern Recognition Techniques. Ph.D. Thesis 1969, Dept. of Physics, A.M.U., Aligarh.

b. Non-refereed:

Ali, M. (1979). “English-Arabic Machine Translation by Computer”. Proceedings of the Conference of Arab Universities at the University of Technology, Baghdad, 1979.

Ali, M. (1979). Optical Reading of Arabic Text. Proceedings of the Conference on Arab Universities at the University of Technology, Baghdad, 1979.

C. Scholarly / Creative Grants and Contracts:

1. Funded External Grants and Contracts:

Ali, Moonis. Enhance Computing Workforce & Provide Higher Education in Computer Science to Working Professionals, Texas Engineering and Technical Consortium (TETC), $247,240.00. (Funded: 2005 - 2008). Grant.

Ali, Moonis. Enhance Computing Workforce & Provide Higher Education in Computer Science to Working Professionals, Texas Engineering and Technical Consortium (TETC), Federal, $609,502.00. (Funded: 2002 - 2007). Grant.

Ali, Moonis. Multimedia, Ergonomics, Design, and Interface Activities (Media) Laboratory, National Science Foundation, $47,974.00. (Funded: June 15, 1994 - May 31, 1996). Grant.

Ali, Moonis. Identification & Interpretation of Patterns in Rocket Engine Data, Center for Advanced Space Propulsion and NASA-Marshall Space Flight Center, $225,000.00. (Funded: April 1, 1990 - August 31, 1991). Grant.

Ali, Moonis. Space Shuttle Main Engine Fault Diagnostic Expert System, Center for Advanced Space Propulsion, NASA-Marshall Space Flight Center, and Rocketdyne, Federal, $57,000.00. (Funded: November 1, 1989 - October 31, 1990). Grant.

Ali, Moonis. Center for Advanced Space Propulsion and NASA-Marshall Space Flight Center, Center for Advanced Space Propulsion and NASA-Marshall Space Flight Center, $86,031.00. (Funded: February 1, 1989 - March 31, 1990). Grant.

Ali, Moonis. Identification & Interpretations of Patterns in Rocket Engine Data, Center for Advanced Space Propulsion, NASA-Marshall Space Flight Center, and Rocketdyne, $80,182.00. (Funded: November 1, 1988 - October 31, 1989). Grant.

Ali, Moonis. Development of Fault Monitory and Diagnosis Expert System for Space Power Distribution System, Center for Advanced Space Propulsion, NASA-Marshall Space Flight Center, and Rocketdyne, Federal, $100,000.00. (Funded: April 1, 1988 - September 30, 1989). Grant.

Ali, Moonis. Space Shuttle Main Engine Component Life Management Expert System, Center for Advanced Space Propulsion and NASA, Federal, $90,000.00. (Funded: January 1, 1988 - October 31, 1988). Grant.

Ali, Moonis. Space Shuttle Main Engine Fault Diagnostic Expert System, Center for Advanced Space Propulsion and NASA-Marshall Space Flight Center, Federal, $80,000.00. (Funded: January 1, 1988 - October 31, 1988). Grant.

Ali, Moonis. Automatic Knowledge Acquisition System, NASA-Langley Research Center, Federal, $18,000.00. (Funded: September 1, 1987 - August 30, 1988). Grant.

Ali, Moonis. Flight Expert System for On-Board Fault Monitoring and Diagnosis, NASA-Langley Research Center, Federal, $90,000.00. (Funded: September 1, 1986 - July 31, 1987). Grant.

Ali, Moonis. Flight Expert System for On-Board Fault Monitoring and Diagnosis, NASA - Langley Research Center and Federal Aviation Agency, Federal, $133,148.00. (Funded: October 1, 1985 - August 31, 1986). Grant.

Ali, Moonis. NASA - Langley Research Center, $17,000.00. (Funded: September 1, 1985 - August 31, 1986). Grant.

Ali, Moonis. NASA - Langley Research Center and Federal Aviation Agency, $133,148.00. (Funded: October 1, 1958 - August 31, 1986). Grant.

Ali, Moonis. Arnold Engineering Development Center, $6,000.00. (Funded: February 1, 1985 - September 30, 1985). Grant.

Ali, Moonis. NASA - Langley Research Center and Federal Aviation Agency, $93,156.00. (Funded: January 13, 1985 - July 12, 1985). Grant.

Ali, Moonis. Intel Corporation, $15,000.00. (Funded: August 13, 1984 - January 12, 1985). Grant.

Ali, Moonis. NASA - Langley Research Center and Federal Aviation Agency, $100,000.00. (Funded: August 13, 1984 - January 12, 1985). Grant.

D. Scholarly / Creative Fellowships, Awards, Honors:

Award/Honor Recipient: College Achievement Award for Excellence in Service, 2020.

Award/Honor Recipient: College Achievement Award for Excellence in Service, 2018.

Award/Honor Recipient: Presidential Distinction Award for Excellence in Service, 2013

Award / Honor Recipient: Honorary Professor of International Studies, 2013

Award / Honor Recipient: Distinguished Scientist, International Conference on Industrial Engineering & Other Applications of Applied Intelligent Systems, 2012

Award / Honor Recipient: Distinguished Scholar, International Conference on Industrial, Engineering, & Other Applications of Applied Intelligent Systems, 2011

Fellowship Recipient: NASA-ASEE Fellow, NASA Langley Research Center,1983

Fellowship Recipient: Fulbright Post-Doctoral Fellowship, The University of Texas at Austin,1974

Fellowship Recipient: Research Fellowship, Council of Scientific & Industrial Research of India,1966 - 1968

Fellowship Recipient: Atomic Energy Fellowship, Atomic Energy Commission of India,1964 - 1966

Fellowship Recipient: Merit Scholarship, Aligarh University, 1962 - 1964

IV. SERVICE

A. Institutional

1. University:

Senate Liaison, Faculty Senate. (2011 - Present).

Member, Marketable Skills Committee. (September 1, 2017 - August 31, 2018).

Member, Excellence in Diversity Awards Committee. (2001 - 2002).

2. College:

Member, College Board for Tenure and Promotion. (2014 - 2018).

3. Department/School:

Director, Computer Science Academic Assessment Program, (2014 - Present).

Chair, Computer Science Assessment Committee, (2014 - Present).

Member, Comprehensive Exam Committee, (2011 - Present).

Policy and Procedure Committee, (2009 - Present).

Member, CS 1428 Committee (2008 - 2019).

Chair, Personnel Committee. (2018 - Present).

Member, Graduate Committee. (2009 - 2013).

Member, Undergraduate Committee. (2009 - 2012).

Member, Recruitment Committee. (2007 - 2012).

B. Professional:

Advisory Board member, International Journal of Computer Applications in Technology (IJCAT). (2009 - Present).

Chair, Thirty-Nineth International Conference on Industrial, Engineering and Other Applications of Applied Intelligent Systems, IEA/AIE2026, Kuala Lumpur, Malaysia, July 6-9, 2026.

Chair, Thirty-Eighth International Conference on Industrial, Engineering and Other Applications of Applied Intelligent Systems, IEA/AIE2025, Kytakyushu, Japan, July 1-4, 2025.

Editor in Chief, The International Journal of Applied Intelligence. (1991 - 2025).

Chair, Thirty-Seventh International Conference on Industrial, Engineering and Other Applications of Applied Intelligent Systems, IEA/AIE2024, Hradec Kralove, Czech Republic, July 10–12, 2024.

Chair, Thirty Sixth International Conference on Industrial, Engineering and Other Applications of Applied Intelligent Systems, IEA/AIE2023, Shanghai, China, July 19–22, 2023.

Chair, Thirty fifth International Conference on Industrial, Engineering and Other Applications of Applied Intelligent Systems, IEA/AIE 2022, Kitakyushu, Japan, July 19-22, 2022.

Chair, Thirty fourth International Conference on Industrial, Engineering and Other Applications of Applied Intelligent Systems, IEA/AIE 2021, Kuala Lumpur, Malaysia, July 26–29, 2021

Chair, Thirty Third International Conference on Industrial, Engineering, & Other Applications of Applied Intelligent Systems (IEA/AIE-20120), Kitakyushu, Japan, Sept. 22-25, 2020.

Chair, Thirty Second International Conference on Industrial, Engineering, & Other Applications of Applied Intelligent Systems (IEA/AIE-2019), Graz, Austria, July 9-11, 2019.

Chair, Thirty First International Conference on Industrial, Engineering, & Other Applications of Applied Intelligent Systems (IEA/AIE-2018), Montreal, Canada. (June 25, 2018 - June 28, 2018).

Chair, Thirtieth International Conference on Industrial, Engineering, & Other Applications of Applied Intelligent Systems (IEA/AIE-2017), Arras, France. (June 27, 2017 - June 30, 2017).

Chair, Twenty-Nine International Conference on Industrial, Engineering, & Other Applications of Applied Intelligent Systems, Morioka, Japan. (August 2, 2016 - August 4, 2016).

Chair, Twenty-Eight International Conference on Industrial, Engineering, & Other Applications of Applied Intelligent Systems (IEA/AIE), Soul, South Korea. (June 10, 2015 - June 12, 2015).

Chair, twenty seventh International Conference on Industrial, Engineering, & Other Applications of Applied Intelligent Systems (IEA/AIE), Kaohsiung, Taiwan. (June 3, 2014 - June 6, 2014).

Member, Member of the Advisory Committee for the STEM Academy in Austin. (2012 - 2013).

Chair, Twenty Sixth International Conference on Industrial, Engineering, & Other Applications of Applied Intelligent Systems (IEA/AIE), Amsterdam, Netherlands. (June 17, 2013 - June 21, 2013).

Chair, Twenty Fifth International Conference on Industrial, Engineering, & Other Applications of Applied Intelligent Systems (IEA/AIE), Dalian, China. (June 9, 2012 - June 12, 2012).

Chair, Twenty Fourth International Conference on Industrial, Engineering, & Other Applications of Applied Intelligent Systems (IEA/AIE), Syracuse, NY, United States. (June 28, 2011 - July 1, 2011).

Chair, Twenty Third International Conference on Industrial, Engineering, & Other Applications of Applied Intelligent Systems (IEA/AIE), Cordoba, Spain. (June 1, 2010 - June 4, 2010).

•Editorial Board member, The International Journal of Computer Applications in Technology. (1999 - 2009).

Chair, Twenty Second International Conference on Industrial, Engineering, & Other Applications of Applied Intelligent Systems (IEA/AIE), Tainan, Taiwan. (June 24, 2009 - June 27, 2009).

Member, Member, Work Force Committee, Texas Higher Education Coordinating Board, Austin, TX, United States. (2005 - 2008).

Chair, Twenty First International Conference on Industrial, Engineering, & Other Applications of Applied Intelligent Systems (IEA/AIE), Wroclaw, Poland. (June 18, 2008 - June 20, 2008).

Chair, Twentieth International Conference on Industrial, Engineering, & Other Applications of Applied Intelligent Systems (IEA/AIE), Kyoto, Japan. (June 26, 2007 - June 29, 2007).

Chair, Nineteenth International Conference on Industrial, Engineering, & Other Applications of Applied Intelligent Systems (IEA/AIE),, Annecy, France. (June 27, 2006 - June 30, 2006).

Chair, Eighteenth International Conference on Industrial and Engineering Applications of Artificial Intelligence and Expert Systems (IEA/AIE), Bari, Italy. (June 22, 2005 - June 25, 2005).

Chair, Seventeenth International Conference on Industrial and Engineering Applications of Artificial Intelligence and Expert Systems (IEA/AIE), Ottawa, Canada. (May 17, 2004 - May 20, 2004).

Chair, Sixteenth International Conference on Industrial and Engineering Applications of Artificial Intelligence and Expert Systems (IEA/AIE), Loughborough, United Kingdom. (June 23, 2003 - June 26, 2003).

Chair, Fifteenth International Conference on Industrial and Engineering Applications of Artificial Intelligence and Expert Systems (IEA/AIE), Cairns, Australia. (June 17, 2002 - June 20, 2002).

Chair, Fourteenth International Conference on Industrial and Engineering Applications of Artificial Intelligence and Expert Systems (IEA/AIE), Budapest, Hungary. (June 4, 2001 - June 7, 2001).

Chair, Thirteenth International Conference on Industrial and Engineering Applications of Artificial Intelligence and Expert Systems (IEA/AIE), New Orleans, LA, United States. (June 19, 2000 - June 22, 2000).

Chair, Twelfth International Conference on Industrial and Engineering Applications of Artificial Intelligence and Expert Systems (IEA/AIE), Cairo, Egypt. (May 31, 1999 - June 3, 1999).

Chair, Eleventh International Conference on Industrial and Engineering Applications of Artificial Intelligence and Expert Systems (IEA/AIE), Benicassim, Spain. (June 1, 1998 - June 4, 1998).

Chair, Tenth International Conference on Industrial and Engineering Applications of Artificial Intelligence and Expert Systems (IEA/AIE), Atlanta, GA, United States. (June 10, 1997 - June 13, 1997).

Chair, Ninth International Conference on Industrial and Engineering Applications of Artificial Intelligence and Expert Systems (IEA/AIE), Fukuoka, Japan. (June 4, 1996 - June 7, 1996).

Chair, Eighth International Conference on Industrial and Engineering Applications of Artificial Intelligence and Expert Systems (IEA/AIE), Melbourne, Australia. (June 5, 1995 - June 9, 1995).

Chair, Seventh International Conference on Industrial and Engineering Applications of Artificial Intelligence and Expert Systems (IEA/AIE), Austin, TX, United States. (May 31, 1994 - June 3, 1994).

Editor, The International Journal of Expert Systems. (1992 - 1993).

Chair, Sixth International Conference on Industrial and Engineering Applications of Artificial Intelligence and Expert Systems (IEA/AIE), Edinburgh, Scotland. (June 1, 1993 - June 4, 1993).

Chair, Fifth International Conference on Industrial and Engineering Applications of Artificial Intelligence and Expert Systems (IEA/AIE), Paderborn, Germany. (June 9, 1992 - June 12, 1992).

Chair, Fourth International Conference on Industrial and Engineering Applications of Artificial Intelligence and Expert Systems (IEA/AIE), Kauai, HI, United States. (June 2, 1991 - June 5, 1991).

Chair, Third International Conference on Industrial and Engineering Applications of Artificial Intelligence and Expert Systems (IEA/AIE), Charleston, SC, United States. (July 15, 1990 - July 18, 1990).

Chair, Second International Conference on Industrial and Engineering Applications of Artificial Intelligence and Expert Systems (IEA/AIE). (June 6, 1989 - June 9, 1989).

Chair, First International Conference on Industrial and Engineering Applications of Artificial Intelligence and Expert Systems (IEA/AIE). (June 1, 1988 - June 3, 1988).

C. Organization Memberships:

President, International Society of Applied Intelligence (ISAI). (1992 - Present).

Member, ACM/SIGAERT. (1988 - Present).

Member, American Association for Artificial Intelligence. (1988 - Present).

D. Service Honors and Awards:

Award / Honor Recipient: Distinguished Service Award, International Conference on Industrial Engineering & Other Applications of Applied Intelligent Systems.
June 17, 2013 - June 21, 2013

Award / Honor Recipient: NAFSA’s award, Texas State University.
November 16, 2009