

## Academic Resume



### Hamid Syed

#### Professor, Information Systems Department

#### Contact Information.

Building 31, Room 103, Ext. 67559, shhasan@kau.edu.sa.

#### Highest Degree.

1994, Ph.D. in Computer Science, Information Security, University Jamia, India.

#### Academic and Professional Experiences.

1. **2010 - Present**  
Professor, Saudi Arabia, KAU.
2. **1997 - 2010**  
Professor & Head, Oman, College Of Technology.
3. **1995 - 1997**  
Professor & Head, India, AMU Aligarh.
4. **1991 - 1994**  
Associate Professor, India, AMU Aligarh.
5. **1979 - 1990**  
Assistant Professor, India, AMU Aligarh.

#### Research Interests.

Systems and Data Analysis & Design, Design & Analysis of Algorithms, Fields of Academic Experience / Research Interests, Total Quality Management at Masters level., Data Science, Data Analytics, Artificial Intelligence, Deep Learning, E-Security, E-Business, E-Learning, IS Strategies and Policies.

#### Teaching Interests.

Total Quality Management, Quantitative Analysis, Deep Learning, IS Strategies and Policies.

#### Certifications and Trainings.

1. E-Security, its levels, threats and Cyber Laws.
2. A strategic approach to E-Business Strategies and Processes.
3. System Security and Cryptography & Securing Different Layers of Network.
4. Higher Layer Security Services and Cryptography.

#### Social, Scientific and Professional Affiliation.

1. 1995-Present, Life Member, ISIAM.
2. 2011-Present, Member, IEEE.

3. 1979-Present, Life Member, Computer Society of India.

### **Funded Projects.**

1. 2012, Development of Secure Platform Independent Mobile Learning Tool in Saudi Universities, King Abdulaziz University, Completed.
2. 2013, ii) A Novel Scheme for Information Retrieval from e-Learning Repository, King Abdulaziz University, Completed.

## Publications.

1. Ghadah Alkhayat, Syed Hamid Hasan, Rashid Mehmood, "A Hybrid Model Of Variational Mode Decomposition And Long Short-Term Memory For Next-Hour Wind Speed Forecasting In A Hot Desert Climate", *Sustainability*, vol: 15, pp. 16759, 2023.  
DOI: [10.3390/su152416759](https://doi.org/10.3390/su152416759)
2. Osama Bassam J. Rabie, Shitharth Selvarajan, Daniyal Alghazzawi, Abhishek Kumar, Syed Hasan, Muhammad Zubair Asghar, "A Security Model For Smart Grid Scada Systems Using Stochastic Neural Network", *Iet Generation, Transmission & Distribution*, 2023.  
DOI: [10.1049/gtd2.12943](https://doi.org/10.1049/gtd2.12943)
3. Daniyal M. Alghazzawi, Anser Ghazal Ali Alquraishee, Sahar K. Badri, Syed Hamid Hasan, "Erf-Xgb: Ensemble Random Forest-Based Xg Boost For Accurate Prediction And Classification Of E-Commerce Product Review", *Sustainability*, vol: 15, pp. 7076, 2023.  
DOI: [10.3390/su15097076](https://doi.org/10.3390/su15097076)
4. Sahar Badri, Daniyal M. Alghazzawi, Syed Humaid Hasan, Fayez Alfayez, Syed Hamid Hasan, Monawar Rahman, Surbhi Bhatia, "An Efficient And Secure Model Using Adaptive Optimal Deep Learning For Task Scheduling In Cloud Computing", *Electronics*, vol: 12, pp. 1441, 2023.  
DOI: [10.3390/electronics12061441](https://doi.org/10.3390/electronics12061441)
5. Shahab Saquib Sohail, Asfia Aziz, Rashid Ali, Syed Hamid Hasan, Dag ?ivind Madsen, M. Afshar Alam, "Human-Centric Aggregation Via Ordered Weighted Aggregation For Ranked Recommendation In Recommender Systems", *Applied System Innovation*, vol: 6, pp. 36, 2023.  
DOI: [10.3390/asi6020036](https://doi.org/10.3390/asi6020036)
6. Ghadah Alkhayat, Syed Hamid Hasan, Rashid Mehmood, "Senergy: A Novel Deep Learning-Based Auto-Selective Approach And Tool For Solar Energy Forecasting", *Energies*, vol: 15, pp. 6659, 2022.  
DOI: [10.3390/en15186659](https://doi.org/10.3390/en15186659)
7. Daniyal M. Alghazzawi, Syed Hamid Hasan, Surbhi Bhatia, "Optimized Generative Adversarial Networks For Adversarial Sample Generation", *Computers, Materials & Continua*, vol: 72, pp. 3877-3897, 2022.  
DOI: [10.32604/cmc.2022.024613](https://doi.org/10.32604/cmc.2022.024613)
8. Majda Wazzan, Daniyal Algazzawi, Aiiad Albeshri, Syed Hasan, Osama Rabie, Muhammad Zubair Asghar, "Cross Deep Learning Method For Effectively Detecting The Propagation Of Iot Botnet", *Sensors*, vol: 22, pp. 3895, 2022.  
DOI: [10.3390/s22103895](https://doi.org/10.3390/s22103895)
9. Daniyal M. Alghazzawi, Osama Bassam J. Rabie, Surbhi Bhatia, Syed Hamid Hasan, "An Improved Optimized Model For Invisible Backdoor Attack Creation Using Steganography", *Computers, Materials & Continua*, vol: 72, pp. 1173-1193, 2022.  
DOI: [10.32604/cmc.2022.022748](https://doi.org/10.32604/cmc.2022.022748)
10. Omaina Bamasag, Daniyal Alghazzawi, Surbhi Bhatia, Pankaj Dadheech, Farrukh Arslan, Sudhakar Sengan, Syed Hamid Hassan, "Distance Matrix And Markov Chain Based Sensor Localization In Wsn", *Computers, Materials & Continua*, vol: 71, pp. 4051-4068, 2022.  
DOI: [10.32604/cmc.2022.023634](https://doi.org/10.32604/cmc.2022.023634)
11. 1. Sohail, S. S., Khan, M. M., Arsalan, M., Khan, A., Siddiqui, J., Hasan, S. H., & Alam, M. A., "Crawling Twitter Data Through Api: A Technical/Legal Perspective", *Journal*, 2021.
12. Syed H. Hasan, Syeda Huyam Hasan, Syed Hamid Hasan, Salman Khalid, "Assessing Search And Rescue Optimization Based Dnn Model For Streamflow Data Prediction", *International Journal Of Computer Applications*, vol: 183, pp. 11-16, 2021.  
DOI: [10.5120/ijca2021921493](https://doi.org/10.5120/ijca2021921493)

## Publications.

13. Daniyal M. Alghazzawi, Syed Hamid Hasan, Ghadah Aldabbagh, Mohammed Alhaddad, Areej Malibari, Muhammad Zubair Asghar, Hanan Aljuaid, "Development Of Platform Independent Mobile Learning Tool In Saudi Universities", *Sustainability*, vol: 13, pp. 5691, 2021.  
DOI: [10.3390/su13105691](https://doi.org/10.3390/su13105691)
14. Ghadah Aldabbagh, Daniyal M. Alghazzawi, Syed Hamid Hasan, Mohammed Alhaddad, Areej Malibari, Li Cheng, "Secure Data Exchange In M-Learning Platform Using Adaptive Tunicate Slime-Mold-Based Hybrid Optimal Elliptic Curve Cryptography", *Applied Sciences*, vol: 11, pp. 5316, 2021.  
DOI: [10.3390/app11125316](https://doi.org/10.3390/app11125316)
15. Ghada Aldabbagh, Daniyal M. Alghazzawi, Syed Hamid Hasan, Mohammed Alhaddad, Areej Malibari, Li Cheng, Danilo Communiello, "Optimal Learning Behavior Prediction System Based On Cognitive Style Using Adaptive Optimization-Based Neural Network", *Complexity*, vol: 2020, pp. 1-13, 2020.  
DOI: [10.1155/2020/6097167](https://doi.org/10.1155/2020/6097167)
16. Syed Hamid Hasan, Usman Ali Khan, "Software Development Methods & Properties And Advances", *International Journal Of Computer Applications*, 2019.
17. Anser Ghazal Ali Alquraishee, Aasim Zafar, Syed Hamid Hasan, "Mobile Adhoc Network Linkage Accessibility & Power Control Cross Layer Design", *International Journal Of Latest Trends In Engineering And Technology*, vol: 11, 2018.  
DOI: [10.21172/1.113.04](https://doi.org/10.21172/1.113.04)
18. Syed Hamid Hasan, Daniyal M. Alghazzawi, Aasim Zafar, "Integrating Java Coding Into Project Based Learning In M-Learning Environment", *Malaysian Journal Of Computer Sciences (Mjcs)*, 2017.
19. Md. Sajid, Syed Hamid, "Mobile Ad-Hoc Networks: An Overview", *International Journal Of Computer Applications*, vol: 176, pp. 18-20, 2017.  
DOI: [10.5120/ijca2017915555](https://doi.org/10.5120/ijca2017915555)
20. Mohammed A., Syed Hamid, "Cloud Environment Task Schedule And Adaptive Cost", *International Journal Of Computer Applications*, vol: 178, pp. 29-34, 2017.  
DOI: [10.5120/ijca2017915787](https://doi.org/10.5120/ijca2017915787)
21. Osama Islam, Yousef Baoum, Syed Hamid, "Total Quality Management For Information Systems In Saudi Firms", *International Journal Of Computer Applications*, vol: 134, pp. 36-40, 2016.  
DOI: [10.5120/ijca2016907901](https://doi.org/10.5120/ijca2016907901)
22. , "Empirical Analysis Of Effects Of Learning Styles In E-Learning Environment", *International Journal Of Latest Trends In Engineering And Technology*, vol: 7, 2016.  
DOI: [10.21172/1.73.518](https://doi.org/10.21172/1.73.518)
23. Mohammed A. S. Mosleh, G. Radhamani, Mohamed A. G. Hazber, Syed Hamid Hasan, "Adaptive Cost-Based Task Scheduling In Cloud Environment", *Scientific Programming*, vol: 2016, pp. 1-9, 2016.  
DOI: [10.1155/2016/8239239](https://doi.org/10.1155/2016/8239239)
24. Aasim Zafar, S. H. Hasan, "A Novel Scheme For Information Retrieval From E-Learning Repository", *Malaysian Journal Of Computer Sciences (Mjcs)*, 2015.
25. Mohammed Salim Trigui, Syed Hamid Hasan and Anser Ghazal Ali Alquraishee, "Block Cipher Based Cryptographic Algorithm For Data Security", *International Journal Of Management & Information Technology (Impact Factor 1.103)*, 2014.
26. 19. Daniyal Al-Ghazzawi., Syed Hamid Hasan, Mohammed Salim Trigui, "Advanced Encryption Standard ??? Cryptanalysis Research", *International Conference On "Computing For Sustainable Global Development"*, 5th -7th March 2014, Pp 763-770. New Delhi, India, 2014.
27. Enaam Faihan Mofreh Alotaibi, Dania Mahmoud Ghalib Bahssas and Syed Hamid Hasan, "Tqm In Small And Big Organizations", *International Journal Of Management & Information Technology (Impact Factor 1.103)*, 2014.

## Publications.

28. Syed Abid Hasan,, Syed Hamid Hasan, "Network Security And Security Intrusion Agents", International Conference On Management And Engineering, 2014.
29. Mohammed Salim Trigui, Hamid Syed, "Block Cipher Based Cryptographic Algorithm For Data Security", , vol: 8, No. 3, pp. 1424-1429, 2014.
30. Shadab Alam, Hamid Syed, "Advanced Encryption Standard – Cryptanalysis Research", International Conference On "Computing For Sustainable Global Development, pp. 763-770, 2014.
31. Daniyal M.Alghazzawi, Syed Hamid Hasan, Mohamed Salim Trigui, "Information Systems Threats And Vulnerabilities", International Journal Of Computer Applications, vol: 89, pp. 25-29, 2014.  
DOI: [10.5120/15483-4248](https://doi.org/10.5120/15483-4248)
32. Nora BureakAlHarbi, Alia Abdul-rahman Assirri, Budoor Salem Edhah, Syed Hamid Hasan, "Tqm'S Resurgence And Six-Sigma", International Journal Of Computer Applications, vol: 108, pp. 7-10, 2014.  
DOI: [10.5120/18897-0188](https://doi.org/10.5120/18897-0188)
33. Ahlam Mohammed, Alamri Alaa Moued Alharthi, Dina Khaled Alharthi, Walaa Saleh Alhabashi, Syed Hamid Hasan, "Organization Performance Improvement Using Tqm", International Journal Of Computer Applications, vol: 108, pp. 29-32, 2014.  
DOI: [10.5120/18942-0361](https://doi.org/10.5120/18942-0361)
34. Mashael AliHaddas, Mona Hasan Asiri, Reham Faya Mukhalid, Salha Saeed Alahmari, Shatha Ali Al-Qathtani, Syed Hamid Hasan, "Continuous Improvement Development With Time", International Journal Of Computer Applications, vol: 108, pp. 35-39, 2014.  
DOI: [10.5120/18935-0360](https://doi.org/10.5120/18935-0360)
35. Mohammad Ubaidullah Bokhari, Hamid Syed, Faraz Hasan, "Bokhari-Wsd: Context Based Multimodal Word Sense Disambiguation", Proc. Of The Second Intl. Conf. On Advances In Computing, 2014.  
DOI: [10.15224/978-1-63248-034-7-44](https://doi.org/10.15224/978-1-63248-034-7-44)
36. J.P.Kar, D.M.Alghazzawai and S.Hamid Hasan, "A Novel Non-Interactive Deniable Authentication Protocol Using Generalized Ecdsa Signature Schemes With Message Recovery", Information Journal, Japan, Vol. 16, No.1 (B), 2013.
37. Daniyal M. Alghazzawi , Syed Hamid Hasan, "Security Issues And Challenges-Cloud Computing", Ijcsi International Journal Of Computer Science Issues (Impact Factor-0.242), 2013.
38. Afnan Atiah Alsolamy, Khulood Salem Albeladi and Syed Hamid, "Total Quality Management & Service Sector", International Journal Of Management & Information Technology (Impact Factor 1.103), 2013.
39. Hamid Syed, Mohamed Salim Trigui, "Article: Stream Ciphers: A Comparative Study Of Attacks And Structures", , 2013.
40. Jayaprakash Kar, Hamid Syed, Mohammed Salim Trigui, "A Novel Non-Interactive Deniable Authentication Protocol Using Generalized Ecdsa Signature Schemes With Message Recovery", , vol: 16, No.1, pp. 807-814, 2013.
41. Hamid Syed, Mohammed Salim Trigui, "Security Issues And Challenges-Cloud Computing", , vol: 10, Issue 5, No. 2, pp. 148-154, 2013.
42. Afnan Atiah Alsolamy, Dania Mahmoud Ghalib Bahssas, Hamid Syed, Khulood Salem Albeladi, "Total Quality Management & Service Sector", , vol: 6, No. 3, pp. 880-884, 2013.
43. Syed Hamid Hasan ,Anser Ghazzaal Ali Alquraishee, "Scalar Multiplication Algorithms For Wireless Sensor Network", Accepted By International Journal Of Smart Home, Korea, 2012.
44. Hamid Syed, Anser Ghazzaal Ali, "Scalar Multiplication Algorithms For Wireless Sensor Network", International Journal Of Smart Home, 2012.
45. Daniyal M. Alghazzawi, Trigui M. Salim, and Hasan, S.H, "A Secure Deniable Authentication Protocol Based On Bilinear Diffie-Hellman Algorithm", Ieee International Conference On Security Science And Technology, 2011.

## Publications.

46. Daniyal Al-Ghazzawi., Mohammed Salim, Hasan, S.H, "A New Proxy Blind Signature Scheme Based On Ecdlp", Ijcsi International Journal Of Computer Science Issues (Impact Factor-0.242), 2011.
47. Jayaprakash Kar, Banshidhar Majhi, Hamid Syed, S.H, "Secure Deniable Authentication Protocol Based On Bilinear Diffie-Hellman Algorithm", Ieee International Conference On Security Science And Technology, China, pp. 85-89, 2011.
48. Mohamed Salim Trigui, Mohammed Salim, Hamid Syed, S.H, A, "New Proxy Blind Signature Scheme Based On Ecdlp", , vol: 8, Issue 3, No. 1, pp. 73-79, 2011.
49. Mohammed Salim, Hamid Syed, Mohamed Salim Trigui, S.H, A, "Secure Proxy Blind Signature Scheme Using Ecc", Springer 3rd International Conference On Networked Digital Technologies Springer-Verlag, Ccis-136, pp. 47-52, 2011.
50. Daniyal Al-Ghazzawi., Mohammed Salim, Hasan, S.H, "Novel Proxy Blind Signature Scheme For Mobile Devices", Journal Of Information Security Research, 2010.
51. Khulood Salem Albeladi, Hamid Syed, Mohamed Salim Trigui, "A Novel Proxy Blind Signature Scheme For Mobile Devices", , vol: 1, Issue-3/4, pp. 89-93, 2010.
52. Hasan, S.H. ,Radwan, M. AlDwairi., "Computer Crimes, Security & Safety Measures", Proceeding Of National Conference On Recent Trent In Information Technology, 2006.
53. Hamid Syed, Mohamed Salim Trigui, Radwan, M, M. Aldwairi, "Computer Crimes, Security & Safety Measures", Proceeding Of National Conference On Recent Trent In Information Technology, pp. 36, 2006.
54. Aasim Zafar,J. Siddiqui,S. H. Hasan, "A Technical Architecture For Web-Based Crm Applications", International Journal Sajosps, 2005.
55. Aasim Zafar, Mohamed Salim Trigui, Hamid Syed, "A Technical Architecture For Web-Based Crm Applications", , vol: 05(2), pp. 138-140, 2005.
56. Hamid Syed, Mohamed Salim Trigui, S. Abid Hasan, "Teaching Of English Language Through The Internet", , 1999.
57. Hasan,Syed Hasan,Asim Zafar, "Publishing On The Web: Technology Trends", Csi Proceeding National Conference On Data Communication, 1997.
58. Hamid Syed, Trigui M. Salim, S.H, Aasim Zafar, Hasan, "Publishing On The Web: Technology Trends", National Conference On Data Communication, pp. 50-56, 1997.
59. Syed Hasan, "Administrative Computing & Strategic Planning", Csi Proceeding National Conference On Data Communication, 1996.
60. Syed Hasan, "Office Automation: Managers Role", Fourth Annual Conference Of Indian Society Of Industrial & Applicable Mathematics, 1996.
61. Hamid Syed, Priti Bala, S. Abid Hasan, "Development Of Office System Networks For Information Sharing Within A University", , vol: 10(1), pp. 1-4, 1996.
62. Hamid Syed, "Pollution Monitoring & Information System", , 1996.
63. Hamid Syed, Priti Bala, "Administrative Computing & Strategic Planning", Csi Proceeding National Conference On Data Communication, 1996.
64. Hamid Syed, "Office Automation: Managers Role", , 1996.
65. Hamid Syed, "Administrative Computing: Preparing For The Next Decade(2001-2010)", , 1996.
66. Hamid Syed, Aasim Zafar, "Higher Education: Trends & Strategies", , 1996.
67. Hamid Syed, Abid Hasan, "Patient Data System For Coronary Care Unit", , 1996.

## **Publications.**

68. Hamid Syed, J. Siddiqui, "Role Of Information Technology In Distance Education", , 1996.
69. Hamid Syed, Radwan, M. Aldwairi, "Internet And Information Tools", , 1996.
70. Hamid Syed, Priti Bala, S.H, "Designing User Friendly Systems", , vol: 09(1), pp. 1-3, 1995.
71. Hamid Syed, Priti Bala, S.H, S. Abid Hasan, "Computers: Temporary Fashions & Implications", , vol: 09(1), pp. 7-10, 1995.
72. Hamid Syed, Priti Bala, S. Abid Hasan, S.H, "The Next Ten Years In University Computing", , vol: 09(2), pp. 41-43, 1995.
73. Syed Hasan,Priti Bala, "Computing Centre In Higher Education", Communication Technology, 1994.
74. Hamid Syed, Priti Bala, S. Abid Hasan, S.H, "Administrative Computing Centre In Higher Education", Proceedings Of Conference On "Communication Technology, 1994.
75. Hamid Syed, Priti Bala, Abid Hasan, "Administrative Data Processing In Universities", , 1993.
76. Hamid Syed, Priti Bala, Abid Hasan, "Training & Software Requirements In Changing Business Environment", , 1990.