

Dr. SHAFIQ AHMAD

Research Profile & Scientific Research

1. Institution: School of Science, College of Science, Engineering and Health, RMIT University, Melbourne, Australia

Position title: Visiting Research Fellow
Mar 2010 – Oct 2016

Job Description: Working with RMIT Operations Research and Statistics group with key focus on performance analysis of different business processes in different research areas such as clinical area and finance and banking processes.

2. Institution: School of Economics & Finance, La Trobe University, Melbourne

Position title: Research Associate
July 2011- Dec 2011

Job Description: Performance evaluations of Islamic finance and banking system and performance comparison of Islamic finance with conventional finance and banking system. This work was related to Islamic Finance & ARC Discovery project. Optimization of Islamic portfolio management system using metaheuristic approaches and application of intelligent computational techniques for forecasting and predictions of Islamic finance growth in future.

3. Institution: School of Mathematics and Geospatial Sciences, Operations Research and Statistics Discipline, RMIT University, Melbourne

Position title: Research Assistant
Mar 2007 – Dec. 2008

Job Description: I worked on various research projects with Operations Research and Statistics research group to conduct statistical analysis for categorical and numerical datasets. One of them was to conduct analysis of student's feedback surveys for service subjects. This project was funded by the Australian Teaching and Learning Council (ATLC). The project involved working on a large dataset of student's feedback for 2 years teaching (2007 and 2008) period. The results of this model have been provided to the concerned authority for planning and improvement purposes.

4 Institution: School of Business Information Technology (BIT) and Logistics, RMIT University, Melbourne

Position title: Research Assistant
Nov 2009 – Feb. 2010

Job Description: I worked on various research and data analysis projects with Logistics group to develop statistical and methodological analyses on large datasets. One of these research projects was funded by the Australian Research Council (ARC) and my role was to develop a fire forecast model at an aggregate level. The project involves working on a large dataset of residential fire incidents for Queensland State datasets for 10 years. The results of this model have been provided to the concerned authority for planning purposes.

RESEARCH PUBLICATIONS

Google scholar link: https://scholar.google.com/citations?hl=en&user=AArhybo.AAAAJ&scid=AMD79oo.AAA.AAXI.7i5L.B-7PmSypK93eYDhMG0mrZNu19I&oml=AJiN-F7Q&UkeyfQzpskemaDLjDiCKY6tZYd6_IJ66SHL_SFkbHAKQnl_Aeqm2TTRuscl-eCEa6Uvb2x9nll8Xr5Eteq9OJmEicCR5YaPUKrlYbRd5ur9I2KY&scid=16725791058736963368

RESEARCH BOOK:

Research Book entitled “Multivariate Process Capability Assessment for Non-normal Quality Data” with ISBN 978-3-659-18888-6, published by LAP LAMBERT Academic Publishing GmbH & Co. KG Heinrich-Böcking-Str. 6-8 66121, Saarbrücken, Germany

ARTICLES (under review)

1. Shahid Bashir, **Shafiq Ahmad**, (2019), Variability of motor evoked potentials response to navigated continuous theta burst stimulation, *Journal of Medical Science Monitor*, (*impact factor: 1.980*) eISSN: 1643-3750
2. **Shafiq Ahmad**, Khalid Alnowibet, Latifah Alqasem, Jose Merigo, Mazen Zaindin, (2019), Generalized OWA Operators for Uncertain Queuing Modeling with Application in Healthcare, *Journal of Soft Computing*, (*Impact factor: 2.784*) ISSN: 1432-7643
3. Mohammed Alkahtani, **Shafiq Ahmad**, Mohammed A. Noman, Husam Kaid & Ahmed Badwelan (2019), Bibliometric Research Indicators for Green Supply Chain Modelling, *Int. J. of Industrial and Systems Engineering*, accepted and under print, ISSN: 1748-5037. DOI: 10.1504/IJISE.2020.10019033
4. Jamil Mohsin, Amjad Hussain, Zeeshan Latif, **Shafiq Ahmad**, Naveed Ahmed, Zohaab Ashraf, Mohamed Sharaf (2019), Project Managers’ Personality and Project Success: Moderating Role of External Environmental Factors, *IEEE ACCESS*, ISSN: 2169-3536 (*Impact factor: 4.01*).
5. Syed Atif Ali Shah, Irfan Uddin, Furqan Aziz, Shafiq Ahmad, Mahmoud Ahmad Al-Khasawneh & Mohamed Sharaf (2019), An application of Deep Neural Networks for predicting workplace absenteeism, *Complexity (Journal)*, ISSN1076-2787. (*Impact factor: 2.591*),

REFEREED JOURNAL ARTICLES:

6. Moath Alatefi, **Shafiq Ahmad**, Mohammed Alkahtani, (Nov. 2019), Performance Evaluation Using Multivariate Non-Normal Process Capability, *International Journal “Processes”*, vol. 7, issue 11, pp.1-24 (*Impact factor: 1.963*) ISSN: 2227-9717. DOI: (<https://www.mdpi.com/2227-9717/7/11/833>)
7. Naveed Ahmed, **Shafiq Ahmad**, Saqib Anwar, Amjad Hussain, Madiha Rafaqat, Mazen Zaindin (Oct. 2019), Machinability of titanium alloy through laser machining: material removal and surface roughness analysis, *The International Journal of Advanced Manufacturing Technology*, Volume ??, Issue ??, pp ?, ISSN: 0268-3768. (*Impact factor: 2.496*).
8. Naveed Ahmed, Salman Pervaiz, **Shafiq Ahmad**, Madiha Rafaqat, Adeel Hassan, Mazen Zaindin (Sep., 2019), LBM of aluminium alloy: towards a control of material removal and roughness, *The International Journal of Advanced Manufacturing Technology*, Volume ??, Issue ??, pp ?, ISSN: 0268-3768. (*Impact factor: 2.496*). (<https://doi.org/10.1007/s00170-019-04365-y>)
9. Shahid Bashir, **Shafiq Ahmad**, Moath Alatefi, Ali Hamza, Mohamed Sharaf, Shirely Fecteau & Woo Kyoung Yoo (2019), Effects of anodal transcranial direct current stimulation on motor evoked potentials variability in humans, *Journal of Physiological Reports*, vol. 7, issue 13, pp. 1-11, ISSN 2051-817X. (<https://doi.org/10.14814/phy2.14087>).

10. Shahid Bashir, **Shafiq Ahmad**, Moath Alatefi, (2019), An Overview of Transcranial Magnetic Stimulation Research with Bibliometric Indicators, Journal of Nature and Science of Medicine, accepted on 26 March and ahead of printing online version @ http://www.jnsmonline.org/temp/JNatSciMed000-2610918_071509.pdf
11. Shahid Bashir, **Shafiq Ahmad**, Moath Alatefi, Ali Hamza, Mohamed Sharaf (2018), Quantifying and visualizing the transcranial direct current stimulation research indicators, International Journal of Research in Medical Sciences, vol. 6, issue 12, pp. 4136-4149. ISSN: 2320-6071. (DOI: <http://dx.doi.org/10.18203/2320-6012.ijrms20184921>)
12. **Shafiq Ahmad**, Ahmed Badwelan, Atef M. Ghaleb, et al., "Analyzing Critical Failures in a Production Process: Is Industrial IoT the Solution? Wireless Communications and Mobile Computing, vol. 2018, pp. 1-12. 1530-8669 (*Impact factor: 1.396*) (<https://doi.org/10.1155/2018/6951318>)
13. Mahmuda Akter, Abdullah Gani, Md. Obaidur Rahman, Md. Nazrul Islam, Mohammad Mehedi Hassan, **Shafiq Ahmad** (2018), "Performance Analysis of Personal Cloud Storage Services for Mobile Multimedia Health Record Management". IEEE ACCESS, Volume 6, issue 1, pp 52625-52638. ISSN: 2169-3536 (*Impact factor: 3.557*). (DOI: [10.1109/ACCESS.2018.2869848](https://doi.org/10.1109/ACCESS.2018.2869848))
14. Prem Chhetri, Jonathan Corcoran, Shafiq Ahmad, Kiran KC, (2018) "Examining spatio-temporal patterns, drivers and trends of residential fires in South East Queensland, Australia", Disaster Prevention and Management: An International Journal, Vol. 27 Issue: 5, pp.586-603, <https://doi.org/10.1108/DPM-09-2017-0213> ISSN: 0965-3562. (*Impact factor: 1.787*)
15. **S. Ahmad**, M. Alatefi, M. Alkahtani, S. Anwar, M. Sharaf, and M. Abdollahian (2018), "Bibliometric analysis for process capability research," Qual. Technol. Quant. Manag., vol. 16, issue 4, pp. 459-477. ISSN: 1684-3703, (*Impact factor: 0.946*), <https://doi.org/10.1080/16843703.2018.1464426>
16. **Shafiq Ahmad (2018)**, "Bibliometric Analysis of EWMA and CUSUM Control Chart Schemes", International Journal of Information Technology and Electrical Engineering (ITEE), Vol. 7 No. 2, pp. 1-11. ISSN: - 2306-708X (http://www.iteejournal.org/Archive_apr_2018.php)
17. Shamsul Huda, Kevin Liu, Mohamed Abdelrazek, Amani Ibrahim, Sultan Alyahya, Hmood Al-Dossari, **Shafiq Ahmad** (2018), "An ensemble oversampling model for class imbalance problem in software defect prediction". IEEE ACCESS, Vol 6, 2018, pp. 24184-24195. ISSN: 2169-3536. (*Impact factor: 3.557*). (DOI: [10.1109/ACCESS.2018.2817572](https://doi.org/10.1109/ACCESS.2018.2817572))
18. **Shafiq Ahmad**, Illias Musliyar (2018), "A note on 'Designing of a Hybrid Exponentially Weighted Moving Average'", The International Journal of Advanced Manufacturing Technology, Volume 97, Issue 1-4, pp 375-377, ISSN: 0268-3768. (*Impact factor: 2.601*). (<https://link.springer.com/journal/170/97/1/page/2>)
19. Saqib Anwar, Fawaz M. Abdullah1, Mohammad Alkahtani, **Shafiq Ahmad**, Moath Alatif1 (2018), "Bibliometric Analysis of Abrasive Water Jet Machining Research", Journal of King Saud University-Engineering Sciences (JKSUES), pp. 2-9. ISSN: 1018-3639 (<https://doi.org/10.1016/j.jksues.2018.02.002>). (*SJR Impact factor: 0.68*)
20. Muhammad Habib ur Rehman, Ejaz Ahmed, Ibrar Yaqoob, Ibrahim Abaker Targio Hashem, **Shafiq Ahmad**, and Muhammad Imran. (2018), "Big Data Analytics in Industrial IoT using Concentric Computing Model". IEEE Communications Magazine, Volume: 56, Issue: 2, Pages: 37 - 43, ISSN: 0163-6804, (*Impact factor: 9.27*). DOI: [10.1109/MCOM.2018.1700632](https://doi.org/10.1109/MCOM.2018.1700632)
21. Jiafu Wan, Baotong Chen, Muhammad Imran, Fei Tao, Di Li1, Chengliang Liu, **Shafiq Ahmad** (2018), "Toward Dynamic Resources Management for IoT-based Manufacturing". IEEE

Communications Magazine, Volume: 56, Issue: 2, Pages: 52 - 59, ISSN: 0163-6804. (*Impact factor: 9.27*). (DOI: [10.1109/MCOM.2018.1700629](https://doi.org/10.1109/MCOM.2018.1700629))

22. Shamsul Huda, Sultan Alyahya, Md Mohsin Ali, **Shafiq Ahmad**, Jemal Abawajy, Hmood Al-Dossariy, John Yearwood. (2017), “A Framework for Software Defect Prediction and Metric Selection”. IEEE ACCESS, Vol 6, pp. 2844 - 2858. ISSN: 2169-3536. (*Impact factor: 3.557*). (DOI: [10.1109/ACCESS.2017.2785445](https://doi.org/10.1109/ACCESS.2017.2785445))
23. **Shafiq Ahmad**, Shahid Bashir. (2017), “A pilot study investigating the association between sleep and cognitive function among adolescents”. Asian Journal of Psychiatry, Vol. 28, pp. 34-37. ISSN: 1876-2018. DOI: [10.1016/j.ajp.2017.03.020](https://doi.org/10.1016/j.ajp.2017.03.020)
24. **Ahmad S**, Varanasi P. (2016), “Towards Work Life Balance of Medical Professionals”, Science International Journal (Sci. Int. Lahore), 28(2), pp. 1369-1375. ISSN 1013-5316.
25. G.S.Vijaya, **Shafiq Ahmad**, (2016), “Supply Chain Management in Saudi Arabian Service Organizations - Goals and challenges”, International Journal for Research in Applied Science & Engineering, Issue III, March 2016, pp. 1-8, ISSN: 2321- 9653
26. **Shafiq Ahmad**, V M Prasad, Sujendra Swami.P (2014), “Performance Management towards Customer Satisfaction - A Survey of Six Sigma Belt Holders”, International Journal of Arts and Commerce Vol. 3 No. 4, ISSN 1929-7106
27. Iqbal M, Al-Regaiey KA, **Ahmad S**, Al-Dokhi L, Al-Naami M, Habib SS. Body composition analysis to determine gender specific physical fitness equations in a cohort of Saudi population. Pak J Med Sci 2014;30(4):798-803, ISSN: 1682-024X
28. Shamsul Huda, Mali Abdollahian, Musa Mamadov, **Shafiq Ahmad** , John Yearwood (2014), “A hybrid approach to detect the source(s) of out-of-control signal in Multivariate Manufacturing Process using Maximum Relevance, Artificial Neural network Input Gain Measurement Approximation (ANNIGMA) and Global Optimization, European Journal of Operational Research, Volume 237, Issue 3, volume 237,issue 3, pp. 857–870, ISSN: 0377-2217 (*Impact factor: 3.428*)
29. **Shafiq Ahmad**, M. Ishaq Bhatti, Khalid Al Otaibi (2014), “A comparative study of ethical and conventional mutual funds using neural network forecasting”, Science International Journal 26(1) ISSN 1013-5316
30. **Shafiq Ahmad** (2013), “Service Sector Performance Management through Six Sigma”, International Journal of Innovative Research and Development, Volume 2, issue 13, pp. 346-350, ISSN 2278 – 0211
31. **Shafiq Ahmad**, Mali Abdollahian, Shamsul Huda, John Yearwood, Ishaq Bhatti (2013), “Performance evaluation of multivariate non-normal process using metaheuristic approaches”, Journal of Applied Statistical Science, Volume 20, Number 3, pp. 101-117, ISSN 1067-5817.
32. **S. Ahmad**, M. Abdollahian, P. Zeepongsekul, B. Abbasi “Multivariate Non-normal Process Capability Analysis, International Journal of Advanced Manufacturing Technology, Int. J Adv Manuf. Technol. (2009) 44:757-765. ISSN: 0268-3768. (*Impact factor: 2.601*).
33. S.Z. Hosseinifard, B. Abbasi, **S. Ahmad**, M. Abdollahian, A Transformation Technique to Estimate Process Capability Index for Non-normal Processes, International Journal of Advance Manufacturing Technology, Int. J Adv Manuf. Technol. (2009) 40:512-517, ISSN: 0268-3768. (*Impact*

factor: 2.601).

34. **S. Ahmad**, M. Abdollahian, P. Zeephongsekul, “Process Capability Estimation for non-normal quality characteristics using Clement, Burr and Box-Cox methods”, The Australian and New Zealand Industrial and Applied Mathematics Journal, pp. C642-C665, 2008. ISSN: 1446-8735.
35. **S. Ahmad**, M. Abdollahian, P. Zeephongsekul, B. Abbasi, “Measuring Process Performance for Non-Normal Quality Characteristics Data, Ubiquitous Computing and Communication Journal, UBICC Journal, Volume 3, January 2008, pp.8-12, ISSN:1992-8424.
36. B. Abbasi, **S. Ahmad**, M. Abdollahian and P. Zeephongsekul, Measuring Process Capability for Bivariate Non-Normal Process Using the Bivariate Burr Distribution, WSEAS Transaction on Business and Economics, Issue 5, Volume 4, 2007, ISSN: 1109-1126.

REFEREED CONFERENCE ARTICLES

37. Khalid Alnowibet, **Shafiq Ahmad**, Latifah Alqasem, **(2018)**, “Probabilistic aggregation operators and their application in Queuing Theory with multi-person decision-making” Proceedings of the (IEEE Conference ID: 40353) 4th International Conference on “Computing for Sustainable Global Development”, March, 2018, pp 1436-1442
38. Saqib Anwar, Fawaz M. Abdullah, Bashir Salah, **Shafiq Ahmad**, Abdulrahman M. Al-Ahmari, **(2017)**, “An Overview of Electron Beam Melting research with Bibliometric Indicators” 7th International Conference in Industrial Engineering and Operations Management, Rabat, Morocco, April 11-13, 2017, pp 1-10.
39. Choon Yup Park, **Shafiq Ahmad** (2015), “A Study of Entrepreneurship of Young People in Saudi Arabia” 30th International Conference on Japanese - Korean Economy and Management, Japan
40. M. Kolay, **S. Ahmed**, M. Munir, and V. Prasad **(2015)**, “Investments in Technology and Organizational Performance in KSA”, International conference on Economics and Business Administration 2015, Barcelona, Spain 7-9 April 2015, pp 36-40
41. P. Varanasi and **S. Ahmad** **(2015)**, “Factors Affecting Work Life Balance of Medical Professionals”, International conference on Economics and Business Administration 2015, Barcelona, Spain 7-9 April 2015, pp 61-65
42. Khalid Alnowibet, **Shafiq Ahmad** **(2013)**, “Saudi school assessment system for predicting admissions to science colleges” International conference on quality in higher education, December 12-14, Turkey, pp. 810-817
43. **Shafiq Ahmad**, V M Prasad, Lalitha **(2013)**, “CRM in Telecom Sector and Customer Retention” International conference on Consumer dynamics and marketing strategies in a globalized economic ERA- perspectives and challenges, October 29-30, India, pp. 369-372, ISBN 978-81-928677-0-0
44. **Ahmad S.**, Bhatti I., (2013) “Islamic and conventional mutual funds forecasting using neural network method” 21st International Business Research Conference 10 – 11 June, 2013 Toronto Canada
45. Khan Habib.U., **Ahmad S.**, Abdollahian M., (2013) “Supply chain technology acceptance, adoption, and possible challenges: A case study of service organizations of Saudi Arabia.”, 10th International Conference on Information Technology: New Generations, ITNG 2013, Las Vegas, Nevada, USA, April 15 - 17, 2013, pp. 590-595
46. Khan Habib.U., **Ahmad S.** (2013) “The Possible Challenges of Information Technology Adoption In the Framework of Supply Chain Management: A Case Study Of Leading Private and Public Based Service Organizations Of UAE.”, 44th annual conference of Southwest Decision Sciences

- Institute (SWDSI), Albuquerque, New Mexico, USA, March 12 - 16, 2013 pp. 731-739
47. M. Abdollahian, **S. Ahmad**, S. Huda, S. Nuryan, D. Anggraini, (2012) “Investigating the Relationship Between Neonatal Mortality Rate and Mother's characteristics”, accepted for publication in 2012 International Conference on Information and Knowledge Engineering (IKE'12) July 16-19, 2012, Las Vegas, USA.
 48. Habib Ullah Khan, **Shafiq Ahmad**, and Mahmood A. Awan, (2012) “Challenges of IT Adoption and Outsourcing in Supply Chain Framework: A Comparison of Service Firms in China and United Arab Emirates, 10th Annual International Smart Sourcing Conference, 28th – 29th June, 2012, Daejeon, Korea, pp. 63 - 66
 49. Aisha Mohsin, **Shafiq Ahmad**, (2012), “Towards the Selection of Future 4G Mobile Service Provider From Customers' Perspective”, 9th International Joint Conference on Computer Science and Software Engineering (JCSSE 2012, IEEE Thailand Section) 30 May– 01 June 2012, Bangkok, Thailand, pp. 120-125
 50. M. Abdollahian, **S. Ahmad**, S. Huda, (2011) “Multivariate control charts for surgical procedures” 4th International Symposium on Applied Sciences in Biomedical and Communication Technologies (Isabel 2011) October 26-29, 2011, Barcelona Spain
 51. M. Abdollahian, **S. Ahmad**, S. Nuryani, and D. Anggraini, (2011) “Assessment of Hemoglobin Level of Pregnant Women Before and After Iron Deficiency Treatment Using Nonparametric Statistics”, 2011 International Conference on Information and Knowledge Engineering , July 18-21, 2011, Las Vegas, USA, pp. 301-305
 52. S Rahman, A Abareshi, S Bakir, **S Ahmad**, (2011) “Research Orientations of the Selected Supply Chain Management Periodicals: A Critical Review”, 16th International Symposium on Logistics, 10-13 July 2011, Berlin, Germany: pp. 73-80
 53. **S. Ahmad**, M. Abdollahian, S. Nuryani, and D. Anggraini, (2011) “Modelling Non-Normal Neonatal Weight Data to Estimate Mortality Rate of New Born Babies” 2011 International Conference on Information and Knowledge Engineering , July 18-21, 2011, Las Vegas, USA, pp. 306-311
 54. Prem Thapa, Qasim Shah and **Shafiq Ahmad**, (2011) “What are the factors determining Indigenous labour market outcomes?”, Conference on Social Science Perspectives on the 2008 National Aborigin and Torres Strait Islander Social Survey, The Australian National University , 11-12 April 2011, Canberra, Australia, Book Series: Research Monograph of the Centre for Aboriginal Economic Policy Research Issue: 32 Pages: 125-162 Published: 2012
 55. **S. Ahmad**, M. Abdollahian, B. Abbasi, “Multivariate Performance Analysis Methods: A Comparative Study”, 8th International Conference on Information Technology- New Generations (ITNG 2011), April 11-13, 2011, Las Vegas, Nevada, USA, ISBN:978-1-61284-427-5
 56. **Ahmad S.**, Huda S. Bakir S., Abdollahian M., Zeephongsekul P. “Constraint-Based Evolutionary Learning Approach to the Process Performance Evaluation”, 3rd International Conference on Informatics and Technology, 27th - 28th October 2009 Kuala Lumpur, Malaysia, pp. 26-33
 57. **Ahmad S.**, Huda S. Bakir S., Abdollahian M., Zeephongsekul P. “Process Performance Evaluation Using Evolutionary Algorithm, WORLDCOMP'09 - The 2009 World Congress in Computer Science, Computer Engineering, and Applied Computing, July 13- 16 2009 Las Vegas, USA, pp. 731-737
 58. A. Nazari, **S. Ahmad**, M. Abdollahian, P. Zeephongsekul “A Model to Estimate Proportion of Nonconformance for Multi-characteristics Product”, International Management Conference, Graduate School of Management and Economics ,Sharif University of Tech., December 20 – 22, 2008, Tehran, Iran, pp. 3-14
 59. S. Ahmad, A. Nazari, M. Abdollahian, P. Zeephongsekul “Fitting Burr XII distribution to

- continuous positive data using Hybrid Search Algorithm”, The 2008 World Congress in Computer Science, Computer Engineering, & Applied Computing, July 14-17, 2008, Las Vegas, USA: pp. 546-552.
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 61. S. Ahmad, M. Abdollahian, P. Zeephongsekul, “Process Capability for a Non-Normal Quality Characteristics Data”, 4th International Conference on Information Technology- New Generations (ITNG'07), April 2-4, 2007, Las Vegas, Nevada, USA: pp. 420-424
 62. **S. Ahmad**, M. Abdollahian, P. Zeephongsekul, “Process Capability Analysis for Non-Normal Quality Characteristics Using Gamma Distribution”, 4th International Conference on Information Technology- New Generations (ITNG'07), April 2-4, 2007, Las Vegas, Nevada, USA: pp. 425- 430
 63. **S. Ahmad**, M. Abdollahian, P. Zeephongsekul “Process Capability Analysis under a Weibull Shock Model” 13th ISSAT International Conference on Reliability and Quality in Design, August 2-4, 2007, Seattle, Washington, USA : pp. 88-92
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 65. **S. Ahmad**, M. Abdollahian, P. Zeephongsekul “Non-Normal Process Capability Evaluation”, IKE'07- The 2007 International Conference on Information and Knowledge Engineering, June 25-28, 2007, Las Vegas, USA : pp. 321 – 326
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 67. **S. Ahmad**, S. Qureshi, “How To Achieve And Sustain Operational Excellency By Integrating Six Sigma And Lean Practices”, 9th International Convention On Quality Improvement, Nov 14-15, 2005, Karachi, Pakistan: pp. 137-142.
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 69. **S. Ahmad**, W. Srinualnad. “Implementation of Design For Six Sigma approach to develop an assembly equipment for HSA process in a Hard Disc Drive industry” at 3rd Asian Conference on Industrial Automation and Robotics, Bangkok, Thailand, May 8-9, 2003: pp. 82 - 85.

RESEARCH INTERESTS

Key research areas are:

- IIOT and Big Data Analytics
- Statistical quality control and process monitoring
- Performance analysis for multivariate processes
- Material characterization and classification techniques
- Quantitative analysis for clinical area.
- Operations research in queuing modelling.
- Supply Chain Management.
- Forecasting and predictions using advance statistical and deep learning techniques

