

CURRICULUM VITAE - KULDEEP KUMAR

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1. PERSONAL INFORMATION:

Full Name	Kuldeep Kumar
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2. EDUCATION

Doctor of Philosophy (Ph.D) in Statistics, University of Kent at Canterbury, Kent, U.K., September 1986.

Master of Science (M.Sc.) in Mathematical Statistics, First Division, Lucknow University, Lucknow, India, September, 1977.

Bachelor of Science (B.Sc.), First Division with distinction in Mathematics and Statistics, Lucknow University, Lucknow, India, September, 1975.

Intermediate, First Division with honours in Mathematics, U.P. Board, India, 1973.

High School, First division with honours in Mathematics, Science, English and Sanskrit, U.P. Board, India, 1971 (15Th rank in U.P. State).

3. ACADEMIC APPOINTMENT

2008 to Present Professor and Head, Department of Economics and Statistics, School of Business, Faculty of Business, Technology and Sustainable Development, Bond University, Australia.

1997- 2008 Associate Professor, Faculty of Business, Technology and Sustainable Development, Bond University, Australia.

1993 - 1996 Assistant Professor, School of Information Technology, Bond University, Australia.

1990 - 1993 Lecturer, Department of Economics and Statistics, National University of Singapore, Singapore.

1987 - 1990 Assistant Professor, Indian Institute of Management, Lucknow, India.

1986 - 1987 Research Associate, Indian Institute of Management, Lucknow, India.

1983 - 1986 Commonwealth Scholar, Mathematical Institute, University of Kent, U.K.

1979 - 1983 Lecturer, E.C.C. Allahabad University, India.

1977 - 1979 Research Assistant, Statistics Department, Lucknow University, India.

4. VISITING ACADEMIC APPOINTMENT

- Visiting Professor, Department of Mathematical Sciences, National Chengchi University, Taipei, Taiwan, August-September, 1998.
- Visiting Professor, Universal College of Learning, Palmerston North, New Zealand, April 2000.
- Visiting Faculty, AI-Econ Centre, National Chengchi University, Taipei, Taiwan.
- Affiliate Professor, Centrum Catolica, Centro De Negocios, Santiago de Surco, Lima, Peru.
- Visiting Senior Fellow, School of IT, Charles Darwin University (2005-2006).
- Visiting Fellow, Harris Manchester College, Oxford University, U. K., July-August 1997.
- Monash University, Australia, Department of Econometrics, April - June, 1988.
- Indian Statistical Institute, New Delhi, India, February, 1988.

5. HONOURS, AWARDS, FELLOWSHIP & OTHERS

- Won the “Best Research Paper Award” at the Annual International Conference on Business Intelligence and data Warehousing 2010 and Data Analysis, Data Quality & Metadata Management 2010 (combined together), Singapore, July 2010.
- Won the Vice Chancellor Quality Award for Research Supervision, 2006 (this award is given to one faculty member in the whole university who has done quality work in the area of research supervision).
- Nominated for 2010 Bond ALTC Citation “For sustained excellence in teaching statistics using spreadsheets, to students with diverse knowledge bases, and for the development of a real-data based learning project.” He observed significant challenges experienced by such students attempting to learn and use statistics. Kuldeep addressed these problems using spreadsheets and encouraging students to use authentic data for interpretation. His teaching heightened the curiosity of learners and fostered student development using case or problem-based learning wherein students applied statistics to investigate dilemmas.

- Awarded Chartered Scientist Status of Science Council of United Kingdom (2009).
- Lecturer of the year 2009, National Finalist in recognition of teaching excellence, top nominee from Bond University (<http://www.lectureroftheyear.com.au/>).
- Nominated for the Vice Chancellor Quality Award for Research and Scholarship from the Faculty of Business, Technology and Sustainable Development, in 2006, 2007 and 2010. (each Faculty nominates one Faculty member for this award).
- Nominated for the Australian of the Year Award 2008 (National Australia Day Council).
- Won the Faculty of Business, Technology and Sustainable Development Dean's Excellence in Research Award, 2007.
- Won the Australian Academy of Science, International Science Linkage award 2007 to undertake collaborative research in Taiwan. (Sixty-four leading Australian scientists have been awarded grants to undertake important collaborative research under the Australian Government's *Backing Australia's Ability in 2007*)
<http://www.science.org.au/internat/index.htm>
- Won the Faculty of Information Technology quality award for post graduate supervision, 2005.
- Won the IT award for Teaching Excellence TWICE at Bond University, Gold Coast, Australia- This prize is awarded to the lecturer, who in the opinion of his or her students has exhibited the most outstanding teaching performance of the year (1998 and 2002).
- Nominated for Gold Coast Honours Award of the Gold Coast Bulletin.
- Winner of the Australia- Taiwan Exchange Programme award of the Australian Academy of Science and National Science Council of Taiwan (1998).
- Winner of the Bond-Oxford Fellowship award for 1997.
- Awarded Chartered Statistician status of the Royal Statistical Society, U.K., 1995.
- Listed in Australian Men and Women of Science, Engineering and Technology.
- Awarded Commission of European Countries (CEC) postdoctoral fellowship to do post doctoral work at the University of Amsterdam (could not avail) in May 1990.

- Won the Young Statistician Award (now named as Jan Tinbergen award) of the International Statistical Institute, Netherlands for the paper “Identification of ARMA models using Pade Approximation” and presented this paper in the 46 th session of the ISI in Tokyo, September, 1987. (This award is given once in two years to three young Statisticians from developing world).
- Awarded Commonwealth Scholarship of the Government of U.K. for Ph. D. Degree in Statistics.
- Fellow of the Royal Statistical Society, U.K. since January 1984.
- Bursary, Lucknow University, India (1975-1977).
- National Merit Scholarship of the Government of India (1971-1975).
- H.S. Merit Scholarship of the Government of U.P. (1969 - 1971).
- Medal for best student in the college (1973).

ARC/ Other Grants

- Received travel grant of \$5000 (approx) from US Global Climate Obseving System and invited to attend a workshop on Surface Temperature Modelling and Data Collection organised by UK Meteorological Office and sponsored by World Meteorological Organisation Commission for Climatology.
- Vice Chancellor’s Research Grant, “Detection of financial fraud using Artificial Neural Networks (ANNs) and statistical techniques”, \$5000, 2009-2010.
- Received company funding assistance of \$70400 under the Commercialising Emerging Technologies (COMET) programme of the Department of Industry, Tourism and Resources (Ausindustry) for our Computer Aided Breast cancer diagnosis project (jointly with Ping Zhang).
- Receipt of Australian Research Council award for the project “Statistical and Soft computing methods in Data Mining with Application in Financial Distress and Fraud Detection” (2002).
- Recipient of Australian Research Council (small) award for the project “Data mining applications in Medical, Pharmaceutical and Health Sciences” \$7400 (2001).

- Recipient of Australian Research Council (small) award for the project “A hybrid trading system using advanced investment technology tools” \$6000 (2000).
- Recipient of Australian Research Council (small) award for the project “Analysis and Classification of Electrocardiograms using Artificial Neural Networks and Data Mining Techniques” \$8413 (2000)
- Recipient of Australian Research Council (small) award for the project “ Application of Chaos, Genetic Modelling and Artificial Network for Forecasting Time Series Data” \$8600 (1999).
- Recipient of Australian Research Council (small) award for the project “System Dynamics, Path Analysis and Econometric model for Australian Economic Time Series Data” (1998).
- Recipient of small ARC grant (award) for the project “Modelling and Forecasting Macro-economic Time Series Data” (1997).
- Recipient of small ARC grant (award) for the project “Artificial Neural Network, statistics and decision support systems: Tourism risk management tools for the Australian market” (1997).
- Recipient of small ARC grant (award) for the project “Application of Non-linear Time Series Modelling in Forecasting” (1996).

6. MEMBERSHIP

1. Fellow of Royal Statistical Society. (Since 1983).
2. Member, American Statistical Association. (2008-)
3. Member, Executive Council, Singapore Institute of Statistics.(1991-1993)
4. Member, Statistical Society of Australia.(since 1993)
5. Life member, Allahabad Mathematical Society.(Since 1989)
6. Member, International Institute of Forecaster.(1990-1991)
7. Member, Econometric Society. (1995-1996)
8. Member, IEEE Computer Society. (1996-1998)
9. Life Member, Indian Society of Medical Statistics (since 2004)
10. Member, Australian Computer Society (1998-2005).

7. LIST OF PUBLICATIONS:

A. CHAPTERS IN THE BOOK (REFEREED)

1. Kuldeep Kumar “Internet Data Mining using Statistical Tools”, Data Warehousing and Mining: Concepts, Methodologies, Tools and Applications, Editor John Wang, Chapter 3.9, pp 1446-1453, 2008.
2. B Verma, Ping Zhang and Kuldeep Kumar “A Hybrid Approach Based on Genetic Algorithms in Conjunction with Statistical Methods for the Diagnosis of Breast Cancer”, Advanced Computational Methods for Biocomputing and Bioimaging, Editors: Tuan D. Pham, Hong Yan, Denis I. Crane Publisher: Nova Science Publishers, New York 2006 .
3. Kuldeep Kumar “Internet Data Mining using Statistical Tools”, in Encyclopedia of Information Sciences and Technology, Editor Mehdi Khosrow-Pour, Idea Group Publishing, Volume 2, pp1629-1634, 2005.
4. Kuldeep Kumar “Internet and Data Mining” in Internet Management Science: A Global Perspective, ed. John D Haynes, Idea Group Publishing, pp 236-253, 2002.
5. Kuldeep Kumar " Bivariate bilinear models and their specification" in *Non - Linear Time Series and Signal Processing*, ed. R. Mohler, Springer - Verlag, U.S.A., pp 59 - 74, 1988.
6. Kuldeep Kumar " Optimum estimation of non -linear parameters by internal and exponential regression" in *Optimization: Techniques and Application*, ed. K.H. Phua etc., World Scientific, Singapore - New Jersey, pp 692 - 699, 1992.

B. EDITOR OF CONFERENCE PROCEEDINGS/SPECIAL ISSUE OF JOURNAL

1. Kuldeep Kumar & Anoop Chaturvedi, Chief Editor of the Conference Proceedings on International Conference on Recent Developments in Statistics, Econometrics and Forecasting, December 2010, Allahabad, India.
2. Kuldeep Kumar, Editor in Chief of the Conference Proceedings on Business Intelligence and Data Warehousing International Conference, Singapore 2010.

3. Kuldeep Kumar, Editor in Chief of the Conference Proceedings on Data Analysis, Data Quality & Metadata Management International Conference, Singapore, 2010.
4. Kuldeep Kumar, Editor of a Special Issue of Managerial Finance on Detection and Prediction of Financial Distress, Volume 27 Number 5, 2001.
5. Kuldeep Kumar, C.Tan, Steve Sugden and E. Tonkes “Advanced Investment Technology” Editor of the Proceedings of AIT99 Conference at Bond University, 1999.
6. Neville de Mestra and Kuldeep Kumar “Mathematics and Computers in Sport” Editor of the Proceedings of the 4th Conference, 1998.

C. PUBLISHED PAPERS (REFEREED)

1. A. Bhattacharya and Kuldeep Kumar “A Mathematical Model for Estimation of Fibre”, Journal of Interdisciplinary Mathematics (Accepted), 2011.
2. S. Bhattacharya, R. M. Alas and Kuldeep Kumar “A practical distribution-free approach to the classical *newsboy* inventory stocking problem for highly right-skewed but otherwise unknown demand distributions”, Journal of Interdisciplinary Mathematics (Accepted), 2011.
3. S. Bhattacharya, D. Xu and Kuldeep Kumar “An ANN-based Auditor Decision Support System using Benford’s Law”, Decision Support System, Volume 50 (3), pp 576-584, 2011.
4. Kuldeep Kumar and Sukanto Bhattacharya “A brief review of recent research trends on application of Computational and Statistical Techniques in Financial and Business Intelligence”, Proceedings of International Conference on Business Intelligence and Data Warehousing, pp 30-37, 2010.
(Paper selected for “Best Research Paper Award” for BIDW2010 & DAMD 2010 conference)
5. Kuldeep Kumar and Ping Zhang “Diabetes Prediction in Pima Indians Using ANN and Statistical Techniques”, JP Journal of BioStatistics, Volume 4, Number 1, pp89-96, 2010.
6. Kuldeep Kumar “How to make Teaching of Statistics more effective in Business Schools”, Proceedings of the International Academy of Business and Economics-Summer Conference, Bangkok, Volume 7, Number 1, pp 60-64, 2010.

7. P. Zhang, J. Doust and Kuldeep Kumar “Presenting a Simplified Assistant Tool for Breast Cancer Diagnosis in Mammography to Radiologists”, Proceedings of the International Conference on Medical Biometrics, pp363-372, 2010.
8. A. Gepp, Kuldeep Kumar and S. Bhattacharya “Business Failure Prediction Using Decision Trees”, Journal of Forecasting, Volume 29 (6), pp 536-555, September 2010.
9. Kuldeep Kumar, Comments on the paper “Towards more accessible conceptions of statistical inference” by Wild, Pfannkuch, Regan, Journal of the Royal Statistical Society , Series A Volume 174, Part 2, pp283, 2011.
10. Kuldeep Kumar, G. Rajaguru and S. Shrivastava “Modelling the Glitter in the Gold”, Advances and Applications in Statistics, Volume 13 (2), pp 225-239, 2009.
11. Kuldeep Kumar and S. Bhattacharya “Forensic Accounting and Benford Law”, IEEE Signal Processing Magazine, Volume 25(2), pp150-152, March 2008 (ranked as the number three most-cited journal in Electrical and Electronics Engineering in 2004 <http://www.ieee.org/products/citation.html>).
12. Adrian Gepp and Kuldeep Kumar “Role of Survival Analysis in Financial Distress Prediction” International Research Journal of Finance and Economics (Euro Journal), Volume 16, pp13-34, July 2008.
13. Kuldeep Kumar and S. Bhattacharya “Detecting the dubious digits: Benford’s law in forensic accounting”, Significance (Magazine of the Royal Statistical Society), Volume 4, Number 2, pp 81-83, June 2007.
14. Kuldeep Kumar “Financial Distress Prediction for SMEs. How to Model?” Compliance, Risk and Opportunity (Journal of Risk Management and Compliance in Banking, Financial Service and Insurance), Volume 2, issue 1, November 2007, pp6-11 (**Cover Story**).
15. Kuldeep Kumar and S. Bhattacharya "Computational exploration of the biological basis of Black-Scholes expected payoff functions", Journal of Applied Mathematics and Decision Sciences, Volume 2007 (2007), Article ID 39460, 15 pages.
16. S. Bhattacharya and Kuldeep Kumar “Dynamically Opted Protection Envelope (DOPE) – a cost-effective way of insuring an investment portfolio”, International

- Research Journal of Finance and Economics (Euro Journal), Volume 10, pp38-46, July, 2007.
17. Ping Zhang and Kuldeep Kumar “Analysing Feature Significance from Various Systems for Mass Diagnosis”, Proceedings of International Conference on Computational Intelligence for Modelling Control and Automation, IEEE Computer Society, pp141-148, 2006.
 18. Kuldeep Kumar and Sukanto Bhattacharya “Artificial Neural Network versus Discriminant Analysis in Credit Rating Forecast”, The Review of Accounting and Finance, Volume 5, Number 3, pp 216-227, 2006.
 19. Kuldeep Kumar, Ping Zhang and B Verma “Application of Decision tree for Mass Classification in Mammography” (jointly with Ping Zhang and Brijesh Verma), Advances in Natural Computation and Data Mining, ICNC-FSKD2006, Volume 2, pp366-376, 2006.
 20. S. Bhattacharya and Kuldeep Kumar “A Computational Exploration of the Efficacy of Fibonacci Sequences in Technical Analysis and Trading”, Annals of Economics and Finance, Volume 7, No.1, pp219-230, 2006.
20 full-text downloads between 2010-06-10 and 2010-07-02
1224 full-text downloads since date of posting (2007-06-13)
 21. Kuldeep Kumar and Adrian Gepp “Business Failure Prediction using Survival Analysis”, Proceedings of the International Conference of Business, Economics and Management Disciplines 2006 (ISBN 0-9699440-3-9), pp312-327, 2006.
 22. S. Bhattacharya and Kuldeep Kumar “An Entropic Approach to Analyze Investor Utility Underlying the Tracking Portfolio Re-balancing Choices Involving a Financial Structured Product” , Journal of Economics and Management, Volume 2, Number 2, pp111-122, 2006.
 23. Kuldeep Kumar and Clarence Tan “Artificial Intelligence in Financial Distress Prediction”, Proceedings of ICCS 2005, pp 105-111, 2006 (ISBN 81-903047-2-0).
 24. S. Bhattacharya, Kuldeep Kumar and F. Smarandache "Conditional probability of actually detecting a financial fraud – a neutrosophic extension to Benford’s law", International Journal of Applied Mathematics, Volume 17, No. 1, pp7-14, 2005.
 25. Kuldeep Kumar and Abhijeet Bhattacharya “On Forecasting Using VARMA Model”, Asian Economic Review, Volume 47, Number 2, pp269-275, 2005.

26. Ping Zhang, B. Verma and Kuldeep Kumar “Neural vs. Statistical Classifier in conjunction with Genetic algorithm based feature selection”, Pattern Recognition Letter, Vol. 26, pp909-919, 2005.
27. Kuldeep Kumar “Life – Testing of a firm: Some Recent Developments with Application of Artificial Neural Network (ANN)”, Proceedings of ATITAS 2005, pp232-236, 2005.
28. Ping Zhang, Brijesh Verma and Kuldeep Kumar “A Hybrid System for mass classification with different kinds of features in Mammography”, Lecture Notes in Computer Science: Fuzzy System and Knowledge Discovery, Volume 3614, pp316-319, 2005.
29. Kuldeep Kumar and Clarence Tan “Some Recent Developments in Financial Distress Prediction”, Bulletin of the International Statistical Institute, 2005.
30. B. Verma, Ping Zhang and Kuldeep Kumar “A Neural-genetic Algorithm for Feature Selection and Breast Abnormality Classification in Digital Mammography” (jointly with B. Verma and Ping Zhang), Proceedings of the 2004 International Joint Conference on Neural Networks, IEEE Press , pp 2303-2309, 2004.
31. Kuldeep Kumar, C. Tan, Erica Norman and V. Torbey " Using Soft Computing Techniques to Create a Hybrid Model for Predicting Chapter 11 Return to Shareholders ", Proceedings of the International Conference on Computational Intelligence for Modelling, Control & Automation – CIMCA, pp845-854, 2004.
32. Kuldeep Kumar and John D Haynes “Forecasting Credit Ratings Using ANN and Statistical Techniques”, International Journal of Business Studies, Vol. 11, No. 1, pp91-108, 2003.
33. Kuldeep Kumar and Mukesh Srivastava “On the specification of error structure in the linear regression model”, Advances and Applications in Statistics, Volume 3, No. 2, pp105-133, 2003.
34. B. Verma, R Panchal and Kuldeep Kumar “A Novel Min-Max Feature value based Neural architecture and Learning Algorithms for classification of Microcalcifications” Proceedings of International Joint Conference on Neural Networks 2003, IEEE Press, pp2033-2038, 2003.
35. Ping Zhang, Kuldeep Kumar and B. Verma “Neural versus Statistical classifier in Conjunction with Genetic Algorithm Feature selection in Digital Mammography”,

- IEEE Congress on Evolutionary Computation, IEEE Press, Vol. 2, pp1206-1213.2003.
36. Kuldeep Kumar “Estimating Dolphin’s weight: Some Evidence of Seasonality”, Indian Journal of Marine Sciences, Vol. 32, No. 3, pp.255-257, 2003.
 37. S. Bhattacharya and Kuldeep Kumar “A game theoretic approach to metaphysical reconciliation of quantum superposition” (jointly with S. Bhattacharya), Journal of NeuroQuantology, Vol. 4, pp. 370-374, 2003.
 38. Kuldeep Kumar and Sukanto Bhattacharya “Benford’s Law and its Application in Financial Fraud Detection”, Advances in Financial Planning and Forecasting, Volume11, pp57-70, 2003.
 39. Kuldeep Kumar and C. Tan “A Hybrid Model for Financial distress Prediction” , Journal of Combinatorics, Information and System Sciences, Vol. 27, Nos 1-4, pp1-14, 2002.
 40. Kuldeep Kumar and S. Bhattacharya “Computational Modelling of Possible Temporal Growth Curves of Pre-Metastatic Primary Tumours by Linear Induction”, Journal of Combinatorics, Information and System Sciences, Vol. 27, Nos 1-4, pp15-22, 2002.
 41. Kuldeep Kumar and Berlin Wu “ Detection of change points in time series analysis with fuzzy statistics”, International Journal of System Sciences, Vol. 32, No. 9, pp 1185-1192, 2001.
 42. Kuldeep Kumar “Detection of Financial Distress Using Econometric and Multivariate Methods: A Review”, Proceedings of IISA 2000-2001 Conference, New Delhi, pp268-271, 2001.
 43. Kuldeep Kumar and J. Park “Analysis of the Profile of the Golfers Using Multivariate Methods”, *Bulletin of the International Statistical Institute (Netherlands)*, Vol. LXI, Book 4, pp254-255, 2001.
 44. S. Ganesalingam and Kuldeep Kumar “ Detection of Financial Distress using Multivariate Methods”, Managerial Finance (MCB University Press), Special Issue edited by K. Kumar, Vol.27, No5, pp 45-55, May 2001.
 45. Kuldeep Kumar "On the Identification of Autoregressive Moving average Model", Journal of Control and Intelligent Systems, Vol. 28, No. 2, pp 41-46, 2000.

46. A. Chaturvedi, M I Bhatti and Kuldeep Kumar “Bayesian Analysis of Disturbance Variance in the Linear Regression Model under Asymmetric Loss Function”, *Applied Mathematics and Computation*, Vol. 114, (2-3), pp149-153, 2000.
47. Kuldeep Kumar “On Forecasting Unemployment Rate”, *The Asian Economic Review*, Vol. 42, No. 3, pp480-483, 2000.
48. Brijesh Verma and Kuldeep Kumar “An algorithm for analysis and validation of segmentation points in oversegmented cursive handwriting”, *Proceedings of the International Conference on Knowledge based computer systems, KBCS'00*, Mumbai, India, pp13-23, 2000.
49. Kuldeep Kumar “Comments on the paper by Durbin and Koopman”, *Journal of Royal Statistical Society, Series B*, Vol. 62, pp46-47, 2000.
50. Kuldeep Kumar “ An Empirical study of Modelling and Forecasting Macroeconomic time series data”, *Indian Journal of Economics*, Vol. LXXX, Issue 319, pp 451-457, 2000.
51. Kuldeep Kumar and S. Ganesalingam “ Neural Network vs Discriminant Analysis in detecting Financial Distress among Major Australian Companies”, *International Journal of Business Studies*, Vol. 8, No. 2, pp 67-81, December 2000.
52. Kuldeep Kumar and Berlin Wu “Application of Genetic and Fuzzy modelling in Time Series Analysis”, *ICCIMA99 Conference Proceedings*, Ed. B Verma et. al., IEEE Press, pp 128-132, 1999.
53. C Tan, Kuldeep Kumar and V. Torbey “Designing a Rule Based Financial Trading System Incorporating Chaos Theory and Soft Computing Methods”, *Proceedings of Advanced Investment Technology 1999 (AIT99) Conference*, Ed E Tonkes. et al. , pp281-290, 1999 .
54. Kuldeep Kumar and Atul Roy “ Detection of Influential Observation in Financial Time series Data”, *Proceedings of Adadvanced Investment Technology 1999 Conference*, Ed. E Tonkes et al., pp 255-267, 1999.
55. Kuldeep Kumar and S. Ganesalingam “ Detection of Financial distress using Statistical and other Methods”, *Proceedings of Adadvanced Investment Technology 1999 Conference*, Ed E Tonkes et al., pp 137-146, 1999.
56. Kuldeep Kumar, C Tan and R Ghosh “ Using Chaotic Component and ANN for Forecasting Exchange Rates in Foreign Capital Market”, *Proceedings of the*

- Advanced Investment Technology 1999 Conference, Ed E Tonkes et al., pp 147-162, 1999.
57. Kuldeep Kumar “ Comments on the paper by Broughton & Hazelton/Stone”, *Journal of Royal Statistical Society, Series A, Vol. 162, Part 2*, pp 173-174 , 1999.
58. Kuldeep Kumar “Time Series Analysis of the Australian Stock Data”, *Journal of Statistics and Management Systems*, Vol. 2, No. 2-3 , pp 103-116, 1999.
59. Kuldeep Kumar “ Detecting Chaos in Financial Market”, *Computational Intelligence for Modelling, Control and Automation*, Ed. Masoud Mohammadin, IOS press, Amsterdam, Netherlands, Volume 55, pp 148-153, 1999.
60. Kuldeep Kumar “ Forecasting Economic Trend by the year 2020”, *Proceedings of the International Conference on One World One Market – Vision 2020*, Ed. S. Neelamegham, pp169-173, 1999.
61. Kuldeep Kumar “On forecasting exchange rate: A time series analysis” *South Asian Journal of Management*, Volume 4, No. 3 & 4, pp7-13, July 1998.
62. Kuldeep Kumar “Profile of Rural India - A Statistical Look”, *The Asian Economic Review*, Vol. XL, No. 2, pp 202-211, August 1998.
63. Kuldeep Kumar, C. Tan and R Ghosh“ A Hybrid System for Financial Trading and Forecasting” (jointly with C Tan and R Ghosh), *South Asian Journal of Management*, Vol. 5, No. 4, pp1-8, 1998.
64. A. Chaturvedi and Kuldeep Kumar “ Bayesian Estimation of the Disturbance Variance in Linear Regression Model Under a Linex Loss Function”, (with A Chaturvedi), *Journal of Statistical Research*, Vol. 32, No. 1, pp109-112, June 1998.
65. M I Bhatti, Kuldeep Kumar and M Schofield “Deming’s Principle of Human Resource Management: A Statistical Prospective”, *Career Development International*, Vol. 3, No. 6, pp 220-226, 1998.
66. Kuldeep Kumar and D S Gill “On Forecasting Economic Time Series Data: A Comparative Study ”, *Journal of Information and Optimization Sciences*, Vol. 19, No.2, pp 265-272, 1998.
67. Kuldeep Kumar and J P Verma “ Sport and Physical Fitness: An Application of Factor Analysis for Developing a Test Battery”, *4th Conference on Mathematics*

- and Computer in Sport Conference Proceedings*, Edited by Neville de Mestre and K. Kumar, Vol. 4, pp197-205, July 1998.
68. S. Ganesalingam, Kuldeep Kumar and S. Ganes “ A Statistical look at Family Welfare Data: Application of some Multivariate Techniques”, *Statistical Education - Expanding the Network, ICOTS 5 Conference Proceedings*, Vol. 3, pp 1295 - 1301, 1998.
 69. Kuldeep Kumar “Discussion on Alternatives to economic statistics as indicators of national well-being”, *Journal Royal Statistical Society, Series A*, Vol. 161, No. 3, pp 309, 1998.
 70. Kuldeep Kumar “ Testing for Non-linearity in Australian Stock Data”, *Journal of Financial Management and Analysis*, Vol. 10, No. 1, pp 50-55, 1997.
 71. Kuldeep Kumar “Fitting of Sigmoidal Growth Curves “, *Mathematical Gazette (U.K.)*, Volume 82, issue 494, pp306-309, 1998.
 72. Kuldeep Kumar and M A Alsaleh “A Comparative Study of the Estimation of Parameters in Non-linear Models” (with M A Alsaleh), *Applied Mathematics and Computation*, Vol.77, No. 2, pp 179-184, 1996.
 73. Kuldeep Kumar “Distribution and Moments of Threshold Moving Average Model”, *Far East Journal of Mathematical Statistics*, Special Volume, Part II, pp 253-260, 1996.
 74. Kuldeep Kumar “Non-linear time series modelling of environmental data” *IASTED International Conference on Advanced Technology for Environmental Field Conference Proceedings*, paper No. 249-133, ed. S. Hamza, 1996.
 75. Kuldeep Kumar “Is Cricket Really by Chance?” *Mathematics and Computers in Sport Conference Proceedings* Edited by Neville de Mestre, Vol. 3, pp 69-76, 1996.
 76. Kuldeep Kumar, S. Ganesalingam and S. Ganes “Statistical Analysis of Horse Racing Data”, *Mathematics and Computers in Sport Conference Proceedings*, Edited by Neville de Mestre, Vol. 3, pp227-232, 1996.
 77. Kuldeep Kumar and M A Alsaleh “Application of Hankel Matrices in Polynomial Regression”, *Applied Mathematics and Computation (U.S.A.)*, Vol. 77, No. 3, pp205-212, 1996.

78. Kuldeep Kumar "Experts System in Forecasting Packages: A Review ", *Science International*, Vol. 7, No. 1, pp141-143, 1995.
79. Kuldeep Kumar and M Srivastava " Bias of Some Commonly Used Estimates of Autocorrelation ", *International Congress on Modelling and Simulation Proceedings*, Vol. 4, Ed. Michael McAleer et.al., pp 138-142, 1995.
80. Kuldeep Kumar and Jan de Gooijer "Some Results on the Identification and Estimation of Threshold Moving Average Models", *Seventh World Econometric Conference*, Tokyo, Japan, 1995.
81. Kuldeep Kumar and S. Ganesalingam "A Statistical Analysis of Stock data" (with S. Ganesalingam), *The New Zealand Statistician*, Vol.29 (1), pp 2-13, 1994.
82. Kuldeep Kumar, S. Ganesalingam and S Ganes " A Statistical look at Cricket Data" , *Mathematics and Computer in Sports*, Conference Proceedings ed. by Neville de Mestro, Vol. 2, pp 89-104, 1994.
83. Kuldeep Kumar "Specification of Noise in Box-Jenkins Type Adaptive Control Design "ICARCV'94 Conference proceedings, Vol. 1, pp 526 -528, 1994.
84. Kuldeep Kumar and Ajit Sahai "Application of discriminant analysis to the family planning data", *Biometrical Journal*, Vol. 35 (7), pp 869 - 875, 1993.
85. Kuldeep Kumar and A. Sahai "Application of applied mathematics in financial management", *ISIAM' 93 conference proceedings*, University of Roorkee, pp 381 - 383, 1993.
86. Kuldeep Kumar "Identification of ARMA models with non-Gaussian innovations", *Communications in Statistics, Theory and Methods*, Vol. 21 (4), pp 1145 - 1161, 1992.
87. Kuldeep Kumar "Optimum exponential regression with one non-linear term ", *Applied Mathematics and Computation* (U.S.A.), Vol. 48 (2-3), pp 139 - 151, 1992.
88. Jan G De Gooijer and Kuldeep Kumar "Some recent developments in non-linear time series modelling, testing and forecasting", *International Journal of Forecasting*, Vol. 8(2), pp 135 - 156, 1992.
89. Kuldeep Kumar "Pade approximation and its application in time series analysis", *Applied Mathematics and Computation* (U.S.A.), Vol. 50(1), pp 51-58, 1992.

90. Kuldeep Kumar, S K Mandal and M Srivastava "A multivariate method for parameter estimation in bio-rhythms", *Biometrical Journal*, Vol. 34 (8), pp 911-917, 1992.
91. Kuldeep Kumar "Time series forecasting using the SAS system ", Proceedings of the SAS Users Group Association of Singapore (*SUGAS*) Conference, Vol. 2, pp 204 - 210, 1992.
92. Kuldeep Kumar "SAS and model specification in time series analysis" Proceedings of the *SUGAS conference*, Vol. 2, pp 185- 188, 1992.
93. Kuldeep Kumar "Some recent developments in time series analysis", *Singapore Journal of Statistics*, Vol.1 (1), pp 45- 73, 1990.
94. Kuldeep Kumar and A. Sahai "Application of multivariate analysis in clinical and biological sciences", *Journal of Singapore National Academy of Science*, Vol. 18, pp 69- 71, 1990.
95. Kuldeep Kumar "Identification of ARMA models using Pade approximation" *Bulletin of the International Statistical Institute (Netherlands)*, Vol. LII, Book 2, pp 377 - 389, 1987. (Paper awarded for 1987 International Statistical Institute Young Statistician Award scheme and presented in the 46th session of ISI in Tokyo as invited paper 7.1).
96. Kuldeep Kumar "Comments on the paper by Durbin and Harvey", *Journal of Royal Statistical Society*, Series A, Vol. 149(3), pp 222 - 223, 1986.
97. Kuldeep Kumar "On the identification of some bilinear time series models", *Journal of Time Series Analysis*, Vol. 7 (2), pp 117 - 122, 1986.
98. Kuldeep Kumar and S. Kumar "A note on improved estimation of exponential growth functions" (with S. Kumar), *The Indian Journal of Economics*, Vol. 65, pp 513 - 518, 1985.
99. Kuldeep Kumar "Comments on the paper by Lawrence and Lewis" (with I. T. Jolliffe), *Journal of Royal Statistical Society*, Series B, Vol. 47 (2), pp 191 - 192, 1985.
100. Kuldeep Kumar "Approximate integration by best fit", *Mathematical Gazette*, Vol. 69 (447), pp 25 - 29, 1985.

101. V K Srivastava, B. Raj and Kuldeep Kumar “Estimation of random coefficient model under linear stochastic constraints" (with V. K. Srivastava and Baldev Raj), *Annals Inst. Stat. Math.* Vol. 36, pp 395 - 401, 1984.
102. Kuldeep Kumar “A note on discrimination and classification using both binary and continuous variables", *Journal of Indian Soc. Ag. Statistics*, Vol. 35 (2), pp 157 - 159, 1983.
103. V K Srivastava, B N Bhattacharya and Kuldeep Kumar “Improved estimation of potency in slope ratio assays", *Biometrical Journal*, Vol. 23, pp 61 - 66, 1981.

D. Medical Protocol

1. Talbot H, Del Mar C, Frangos J, Kumar K, Smart N, Waiters J. “Dressings and topical agents containing hyaluronic acid for wound healing” (Protocol) Cochrane Database of Systematic Reviews 2008, Issue 2, Art. No.: CD007089. DOI: 10.1002/14651858.CD007089. (Cochrane Database of Systematic Reviews has an impact factor of 5.182 and is ranked 12 in the ISI category Medicine, General and Internal).

Patents Lodged

Kumar, K and Zhang, P., Cancer Diagnostic Method and System, Australian Patent Application No 2008904384, Bond Innovation 1 Pty Ltd. , Submitted in 2008 (pending).

E. OTHER PUBLICATIONS

1. “Role of Artificial Neural Network in Agriculture Research”, Proceedings of the International Conference on Statistics and Informatics in Agriculture Research, pp 34-35, 2006.
2. “Detecting Chaos in Time Series with application to Australian Stock Data”, Proceedings of the Quantitative Methods in Finance Conference, p 41, 1998.
3. “Time Series Modelling of Australian Tourism Data”, Progress in Tourism and Hospitality Research 1998, Proceedings of the 8th Australian Tourism and Hospitality Research Conference, Vol. 2, pp758, 1998.
4. “Some open problems in non-linear time series modelling”, 14th Australian Statistical Society Conference Proceedings, abstract p. 121, 1998.

5. "Detecting Chaos in the capital market and predicting using ARIMA and ANN", 14th Australian Statistical Society Conference Proceedings, abstract p. 107, 1998.
6. "Statistics in Sport", 14th Australian Statistical Society Conference Proceedings, abstract, p. 139, 1998.
7. "Specification of autocorrelated disturbances in non-linear regression model" (with M. Srivastava), in progress with Computational Statistics and Data Analysis.
8. "Data quality control through interpenetrating sub samples: A review" in progress with Singapore Journal of Statistics.
9. "Application of Some Multivariate Techniques to Family Welfare Data" (With S. Ganesalingam) in progress with Environmental Management and Health.
10. "Time Series Analysis of Cricket Data" in progress with Chance.
11. "Towards Testing for Block Effects in Econometrics" (with M I Bhatti) paper presented in the winter meeting of the Econometric Society, South East Asia Chapter, 1996.
12. "Optimization and approximation vis-a -vis Economics and Statistics: A probabilist's elementary overview" (with A Sahai) in progress with Journal of Information and Optimization Sciences.

E. WORKING PAPERS & RESEARCH REPORTS

13. Gooijer, J. G. d., & Kumar, K. (1992). *Some results on the identification and estimation of threshold moving average models*. Umeå economic studies, no. 286. Umeå: University of Umeå.
14. "Threshold moving average models and their specification", Working paper No. 19, Department of Economics and Statistics, National University of Singapore, 1992.
15. "Some recent developments in non-linear time series modelling" Working paper No. 7/88, Department of Econometrics, Monash University, Australia, July 1988.
16. "Managerial Manpower Forecasting in India by 2000 AD" Research report (2 Vol.), Indian Institute of Management, Lucknow (IIML), India, September, 1988.

17. "An analysis of the profile of acceptors of Family Planning programme in India" (with S. Srivastava), Research report, IIML, India, September, 1989.
18. "Quality of demographic data collected in India "Working paper, IIML, India, November 1989.
19. "Impact of High - tech and automated technology on managerial manpower in India" Research report, IIML, India, February 1990.
20. "A comparative study of the profile of acceptors of various family planning devices" Research report, IIML, India, April 1990.

G. PAPERS PRESENTED IN THE SEMINAR/CONFERENCES

- 1 1981 Indian National Science Congress, BHU, India.
- 2 1984 University of Kent at Canterbury, England.
- 3 1986 University of Sheffield, England.
- 4 University of Kent at Canterbury, England.
- 5 1987 46th session of International Statistical Institute, Tokyo (Invited award winning paper)
- 7 Roorkee University, India.
- 8 Allahabad University, India.
- 9 1988 International Union of Scientific Study for Population conference, New Delhi, India
- 11 Monash University, Australia.
- 12 First Biennial Conference of the Allahabad Mathematical Society, India. (Invited talk)
- 14 1989 Indian Statistical Institute, New Delhi. (Invited Lecture)
- 15 1990 Second biennial conference of Allahabad Mathematical Society, India. (Invited talk)
- 17 Roorkee University, India.
- 18 SAS user group association of Singapore conference, Singapore.
- 20 1991 International Symposium on Forecasting (Invited paper), New York.
- 21 Second SAS user group association of Singapore conference, Singapore.
- 22 National University of Singapore, Singapore.
- 24 1992 National University of Singapore, Singapore.
- 25 Seventh International Conference on Multivariate Analysis, New Delhi. (Two papers)
- 27 International conference on Optimization Techniques and applications, Singapore.
Indian Society for Industrial and Applied Mathematics conference, Roorkee University,
- 29 1993 India
- 31 SAS user group association of Singapore conference, Singapore.
- 32 National University of Singapore, Singapore.
- 34 1994 Twelfth Australian Statistical Society Conference, Monash University, Australia

- 35 Mathematics and Computers in Sport, Bond University, Australia.
The Third International Conference on Automation, Robotics and Computer Vision,
36 Singapore
38 Indian Mathematical Society, Lucknow, India (Invited Talk).
40 1995 University of Southern Queensland, Toowoomba, Australia.
41 Seventh World Econometric Conference, Tokyo, Japan.
42 Biometrics'95, International Biometric Society, Coolangatta, Australia.
43 Sixth World Environmetric Conference, Kuala Lumpur, Malaysia. (Invited Speaker)
45 1996 IASTED conference on Advanced Technology in the Environmental Field, Gold Coast.
47 Mathematics and Computers in Sports, Bond University, Australia.
48 Golden Jubilee Session of The IASRI, New Delhi, India (Invited Speaker)
49 The Econometric Society, South and South East Asia Chapter Meeting, New Delh, India.
51 1997 UNICEF workshop on AIDS and Malnutrition, Lucknow, India.
52 University of Aberdeen, U.K.
53 Biometrics 97, Adelaide, Australia.
55 1998 International Tourism Conference, Gold Coast, Australia.
56 ANZIAM 98, Gold Coast, Australia.
57 ICOTS 5, Singapore.
58 Australian Statistical Society Conference (3 papers)
59 4th Conference on Mathematics and Computer in Sport
60 National Chengchi University, Taipei, Taiwan.
61 Quantitative Methods in Finance 1998.
63 1999 Royal Statistical Society, Cardiff, UK
64 Advanced Investment Technology, Gold Coast, Australia.
65 Griffith University, Australia.
66 2000 University of Adelaide, Australia.
67 Universal College of Learning, NewZealand.
68 Massey University, NewZealand
69 Lucknow University, India
70 Bond University
71 IIT, Mumbai, India.
73 2001 National University of Ireland, Galway
74 Bond University, Australia
75 University of Canterbury, Christchurch, New Zealand
76 IISA Conference, New Delhi
77 ICSIR Conference, Chandigarh.
79 2002 Indian Science Congress, Lucknow.
80 Lucknow University, India.
81 2003 International Conference on Recent Statistical Techniques in Life Testing, BHU, India

- 83 Allahabad University, India
- 84 Bond University, Australia
- 85 2004 International Conference on Combinatorics, Allahabad
- 86 International Conference on Recent Advances in Statistics, Chandigarh
- 87 CIMCA, Gold Coast
- 88 JIPMER, Pondicherry
- 89 2005 International Conference on Intelligent Technologies and Applied Statistics, Taipei
- 91 International Conference on Cognitive Sciences, New Delhi
- 92 International Conference on Recent Advances in Statistics, IIT Kanpur
- 93 Indian Society for Medical Statistics, Pondicherry.
- 94 2006 International Conference on Statistics and Informatics, New Delhi
- 95 International Conference of Business, Economics and Management, Beijing
- 96 Jaipuria Institute of Management, Lucknow
- 97 Indian Institute of Management, Lucknow
- 98 2007 SME Conference on Banking and Finance, Mumbai
- 99 SME Banking and Finance Conference, Kuala Lumpur
- 100 Evidence based medicine conference, Bond University, Australia
- 101 National Chengchi University, Taipei, Taiwan
- 102 International Conference on Bio-Informatics, Hyderabad
- 103 2008 Limerick University, Ireland
- 104 Allahabd University, Bioinformatics Centre, India
- 105 La Trobe University, Australia
- 106 International Symposium on Optimization and Statistics, AMU, India
- 107 2009 Lucknow University, Lucknow, India.
- 108 NZSA Conference, Wellington, New Zealand
- 109 Umea University, Umea, Sweden
- 110 International Conference on Recent Issues in Economics and Business, Delhi
- 111 2010 Jaipuria Institute of Management, Lucknow, India.
- 112 Lucknow University, Lucknow, India
- 113 Centre for Atmosphiric Sciences, Allahabad University, India.
- 114 S K Bhattacharya Memorial Lecture, Allahabad University, India
- 115 LNUPE, Gwalior, India.
- 116 HELP University College, Kuala Lumpur, Malaysia.
- 117 IABE 2010 Summer Conference, Bangkok.
- 118 BIDW 2010 International Conference, Singapore.
- 119 Kent Business School, Canterbury, Kent, UK, September 2010
- 120 Allahabad University International Conference, Allahabad, India.
- 121 2011 National Institute of Health and Family Welfare, New Delhi, India.

H. Other Publications (Not Related to Statistics)

1. Arya Samaj, Routledge Encyclopedia of Philosophy, Editor E Craig, Vol. 1, pp 516-517 (with S. Kumar).
2. Brahma Samaj, Routledge Encyclopedia of Philosophy, Editor E Craig, Vol. 2, pp 5-7 (with S. Kumar).

8. BOOK REVIEWS

1. Kuldeep Kumar "Approximation Theory VII by Cheney, Chui and Schumaker ", The Statistician, Vol. 43, No. 3, pp455, 1994.
2. Kuldeep Kumar "Statistical Analysis of Circular Data by N. I. Fisher, Cambridge University Press, U.K", The Statistician, Vol. 44, No. 2, pp 285-286, 1995.
3. Kuldeep Kumar " Asymptotic Theory of Non-linear Regression Model by Ivanov, A V , Kluwer Academic Publishers, Dordrecht", Journal of the Royal Statistical Society, Series D, The Statistician, volume 47, No. 3, pp545-546, 1998.
4. Kuldeep Kumar "Data Science, Classification and Related Models by Hayashi, G; Ohsumi, N et. al. , Springer", Journal of the Royal Statistical Society, Series D, The Statistician, Volume 48, No. 2, pp284-285, 1999.
5. Kuldeep Kumar "Theory and Methods of Survey Sampling by P Mukhopadhyay, Prentice Hall of India", Journal of Applied Statistics, (To appear).
6. Kuldeep Kumar " Image Processing and Data Analysis: The Multiscale Approach by Starck, Murtagh and Bijaoui, Cambridge University Press ", Journal of the Royal Statistical Society, Series D, The Statistician, Volume 48, No. 3, pp461-462, 1999.
7. Kuldeep Kumar "Worldwide Asset and Liability Modelling by W T Ziemba and J M Mulvey(ed), Cambridge University Press", Journal of Applied Statistics, (To appear).
8. Kuldeep Kumar "Neural Network by Abdi, Valentin and Edelman, Sage Publications", The Statistician, Volume 49, No. 2, pp277-278, 2000.
9. Kuldeep Kumar " Sampling of Populations by P.S. Levy and S. Lemeshow, Wiley Series in Probability and Statistics", Journal of Applied Statistics, Vol. 27, No. 4, pp519-521, 2000.

10. Kuldeep Kumar “Fitting Equations to Data: Computer Analysis of Multifactor Data by Daniel and Wood, John Wiley and Sons”, *Journal of Applied Statistics*, (To appear).
11. Kuldeep Kumar “ The Econometric Modelling of Financial Time Series Data by Terence C. Mills, Second Edition, Cambridge University Press”, *Journal of Applied Statistics*, (To appear).
12. Kuldeep Kumar “ Introductory Mathematical Economics by Adil H. Mouhammed, M E Sharpe”, *Journal of the Royal Statistical Society, Series D, The Statistician*, Vol. 50, Part 2, pp228, 2001.
13. Kuldeep Kumar “ Time Series Analysis and Its Application by R H Shumway and D. S. Stoffer”, *Journal of the Royal Statistical Society, Series D, The Statistician*, Volume 51, Part 1, pp 124-125, 2002.
14. Kuldeep Kumar “ Structural Equation Modelling: Foundations and Extensions by David Kaplan”, *Journal of the Royal Statistical Society, Series D, The Statistician*, Vol. 51, Part 4, pp580-581, 2002.
15. Kuldeep Kumar “Time Series Analysis by State Space Methods by J. Durbin and S. J. Koopman”, *Journal of the Royal Statistical Society, Series A, Volume 167 (1)*, pp183-183, 2004.
16. Kuldeep Kumar “Forecast Verification: A Practitioner’s Guide in Atmospheric Sciences by I.T. Jolliffe and D.B. Stephenson”, *Journal of the Royal Statistical Society Series A* **168** (1), 249-249, 2005.
17. Kuldeep Kumar “Statistics in the Pharmaceutical Industry, Third Edition by C. Ralph Buncher and J.Y. Tsay”, *Journal of Royal Statistical Society, Series A, Volume 169 (4)*, pp1003-1004, 2006.
18. Kuldeep Kumar “Handbook of Statistics in Clinical Oncology, Second Edition by John Crowley and D.P. Ankerst”, *Journal of Royal Statistical Society, Series A, Volume 169 (4)*, pp1006, 2006.
19. Kuldeep Kumar “Modelling Financial Time Series with S-Plus, Second Edition by Eric Zivot and J. Wang”, *Journal of the Royal Statistical Society, Series A, Volume 170 (4)*, pp 1189-1190, 2007.
20. Kuldeep Kumar “Introduction to Bioinformatics by Anna Tramontano”, *Journal of the Royal Statistical Society, Series A, Volume 171(3)*, pp 761-762, 2008.

21. Kuldeep Kumar “Statistical Practice in Business and Industry by Coleman et al.”, Journal of the Royal Statistical Society, Series A (To appear).
22. Kuldeep Kumar “Introduction to Modern Time Series Analysis by KIRCHGASSNER, Gebhard, WOLTERS, Jurgen”, Journal of the Royal Statistical Society, Series A, Volume 173(1), pp 271-272, 2010.
23. Kuldeep Kumar “Robust Statistics, Second Edition by P J Huber and E M Ronchetti”, Journal of the Royal Statistical Society, Series A, Volume 174 (1), pp241-242, 2011.
24. Kuldeep Kumar “Demographic Forecasting by F Girosi and Gary King”, Journal of the Royal Statistical Society, Series A, Volume 174 (1), pp240-241, 2011.

9. TEACHING AREAS

Taught various courses to undergraduate and post graduate students in the following areas:

Introductory Statistics courses,
 Business Statistics,
 Statistical Modelling,
 Business Applications,
 Forecasting for Management,
 Business Analysis Methods,
 Analysis and Application,
 Research Methods,
 Multivariate Analysis,
 Quantitative analysis for Management,
 Time series analysis,
 Econometric methods,
 Business and Economic Forecasting,
 Regression Methods,
 Sampling Techniques and Survey methods,
 Multivariate Analysis,
 Statistics for Psychology,
 Mathematics (including Calculus, Set theory, Vector and Matrix Algebra),
 Operation Research,
 Statistical Inference,
 Probability Theory,
 Demography,
 Statistical Quality Control,
 Design of Experiment,
 Numerical Analysis.

10. TEACHING EVALUATION

Ranked best teacher in the National University of Singapore. (3.85 / 4) 1992 - 1993.

Ranked amongst best three teachers in the School of Information Technology, Bond University (1996 & 1997).

Teaching Excellence Award for most outstanding teaching performance, School of Information Technology, Bond University, 1998.

Tecahing Excellence Award for most outstanding teaching performance, School of Information Technology, Bond University, 2002.

Teaching Evaluation for 1995

Teaching Evaluation for 1996

IANL 221	Applied Statistics	6.0/7	Elementary Business Statistics (lecture)	6.3/7
BUSN 800	Business Analysis Methods	5.7/7	Elementary Business Statistics (Lab)	6.2/7
IANL 711	Forecasting for Management	6.0/7	Forecasting Methods	6.0/7
IANL 363	Forecasting Methods	5.5/7	Business Statistics (Lecture)	6.4/7
IANL 732	Theory of Statistics	7.0/7	Business Statistics (Lab)	6.2/7
IANL 142	Business Mathematics	5.9/7		
IANL 111	Elementary Business Statistics	6.2/7		
IANL 111(T)	Elementary Business Statistics	6.0/7		

Teaching Evaluation for 1997

Teaching Evaluation for 1998

IANL 363/711	Forecasting for Management	5.8/7	Forecasting for Management	6.6/7
IANL 111(972)	Elementary Business Statistics	6.3/7	Elementary Business Statistics(Lec)	6.39/7
BUSN 800	Business Analysis Method	6.3/7	Elementary Business Statistics(Lab)	6.25/7
IANL 364	Multivariate Analysis	6.0/7	Business Statistics (Lecture)	6.21/7
IANL 112	Business Statistics	6.1/7	Business Statistics (Lab)	6.0/7
IANL 111(973)	Elementary Business Statistics	6.3/7	Elementary Business Stats(Lecture983)	6.72/7
IANL111 (973T)	Elementary Business Statistics	6.0/7	Elementary Business Stats(Lab 983)	7.0/7

Teaching Evaluation for 1999

IANL 111(992 Lec)	Elementary Business Statistics	6.33/7
IANL 111(992 Tut)	Elementary Business Statistics	6.5/7
INFT 351/750 (Lec)	Forecasting for Management	6.55/7
INFT 351/750 (Lab)	Forecasting for Management	6.5/7
IANL 112/710 (Lec)	Business Statistics	6.25/7
IANL 112/710 (Lab)	Business Statistics	6.4/7
INFT 352/753 (Lec)	Statistical Modelling	6.33/7
INFT 352/753 (Lab)	Statistical Modelling	7.0/7

See page 40 for recent Teaching Evaluations and comments

11. RESEARCH INTERESTS

Bankruptcy Prediction, Financial fraud detection, Breast cancer detection, ANN, Financial Time series analysis, Forecasting, Linear and non - linear regression models, Econometrics, manpower planning and forecasting, Statistics in Finance, Sports, Health and Family welfare, and Multivariate analysis.

Thesis Ph.D. "Some topics in the identification of time series models"

This research work proposes some original methods for the identification of ARMA models. Some methods based on higher order moments have also been developed for the identification of bilinear time series models and ARMA models with non- Gaussian innovations. A deterministic method for the detection of threshold in the threshold moving average models has also been obtained. Some bilinear transfer function models have been proposed and their identification problem has been discussed. These methods have been extensively tested using simulation studies and application on real data sets.

Thesis supervisor: Prof. Ian T. Jolliffe

12. EDITORIAL AND REFEREEING ACTIVITIES

- **Editor-in-Chief**, International Conference on Business Intelligence and Data Warehousing, 2010 and 2011.
- Editorial Advisory Board, Asia Pacific Business Review (2011-)
- Associate Editor, Journal of Applied Probability and Statistics (2005-2010)
- Associate Editor, Proceedings of the International Academy of Physical Science (1996-2004).
- Statistical Editor, Cochrane Acute Respiratory Infections (ARI) Group
- Editorial Board, Advances in Doctoral Research in Management(2005-2008)
- Editorial Advisory Board, Journal of Money, Investment and Banking (JMIB).
- Associate Editor, International Journal of Intelligent Technologies and Applied Statistics (2008-)
- Editorial Board, International Journal of Modern Mathematics

- Editorial Board, Advances and Applications in Statistics.
- Editorial Board, Spreadsheets in Education
- Editorial Board, International Journal of Computational Intelligence and Informatics (2011-).
- Editorial Board, International Journal of Statistics and Management Systems (1998-2004)
- Associate Editor, Far East Journal of Theoretical Statistics.
- Editorial Academic Board, International Journal of Business Studies.
- Contributing Editor, Current Index to Statistics (published by American Statistical Association)

Occasional referee for the papers published in

- Applied mathematics and Computation
- Journal of Statistical Computation and Simulation
- Journal of Applied Statistics
- Journal of Econometrics
- IEEE Transactions on Evolutionary Computation
- Computers and Mathematics with Application
- International Journal of Theoretical and Applied Finance
- International Journal of Business and Management Research
- IEEE Transactions on Signal Processing
- AMS
- International Journal of Modelling and Simulation
- European Journal of OR
- Statistical Papers
- Control and Intelligent Systems
- Journal of Applied Probability and Statistics
- AMSE (Association for Modelling and Simulation Technique in Enterprises) Journal
- Journal of Mathematical Modelling and Algorithms
- Bulletin of Allahabad Mathematical Society
- Ecological Informatics

- Spreadsheets in Education
- American Journal of Mathematics and Management Sciences
- Computers and Mathematics with Applications
- Statistics in Medicine
- International Journal of Forecasting,
- International Journal of Intelligent Technologies and Applied Statistics,
- International Journal of Information Technology and Decision Making,
- Journal of the Royal Statistical Society,
- Journal of the Indian Society of Agricultural Statistics,
- Journal of Econometrics,
- Asian Politics and Policies,
- Singapore Economic Review,
- Journal of Statistical Planning and Inference,
- Journal of Statistics and Management Systems
- Advances and Applications in Statistics
- Singapore Journal of Statistics,
- Information Processing Letter,
- International Journal of Services Operations and Informatics
- International Journal of Contemporary Hospitality Management,
- Iranian Journal of Science and Technology,
- Pakistan Journal of Statistics,
- Far East Journal of Theoretical Statistics
- The Journal of Mathematical Modelling and Algorithms
- Biometrical Journal
- Computational Statistics and Data Analysis
- International Journal of Computational Intelligence and Applications
- Journal of Statistics and Management Systems
- International Journal of Hospitality Research
- International Journal of Combinatorics and Statistics
- Sankhya.
- Several conference proceedings

13. PUBLIC SERVICES (ACADEMIC)

- Head, Department of Economics and Statistics, Faculty of Business, Technology and Sustainable Development, Bond University, Australia (2009-).
- Assessor, ARC Discovery grant scheme (2011).
- Member, Faculty Stakeholder Engagement Committee (SEC), Bond University.

- Assessor, ARC Large grants Scheme (1996-1998).
- Chairman, Statistical Computing Section, Australian Statistical Society (2002-2007).
- Faculty Seminar Coordinator, Bond University (2007-).
- Acting Associate Dean (Research) May-Sep 2008.
- Faculty of Business Spokesperson, Open Day (2007-)
- Representing School of Business on Faculty Research Committee (2007-2008).
- Panel Member, Foundation of University Teaching and Learning to Diversity Panel.
- Panel Member, Australian University Quality Audit (2010).
- Peer Support Colleague, Office of Quality, Teaching and Learning (2010)
- Interviewed by Radio Adelaide for their current affair programme on bankruptcy prediction. (<http://www.thewire.org.au/daydetail.aspx?SearchDay=2009-03-25>)
- Assessor, Australian Research Fellowship (1997-1998).
- Contributed in the Review of Future of Statistics in Australian Universities (2008).
- Chaired Panel Discussion at the International Conference on Business Intelligence & Data Warehousing, Singapore 2010.
- Chief Guest, Managerial Challenge Seminar, Jaipuria Institute of Management, India (2006 & 2010).
- Advisory Member, Human Research Ethics Committee, Bio-Tech Lane Labs, Gold Coast (2006-2007).
- Vice Chairman, Australian Computer Society, Gold Coast chapter, Australia (2002-2004).
- Advisory Committee Member, Macarthur College of Information Technology, Sydney, Australia (1995-1999).

- Treasurer and Executive Committee Member, Australian and New Zealand Industrial and Applied Mathematics Society (ANZIAM), Mathematics and Computers in Sports Group (1996-1998).
- Panel Member, Vice Chancellor Scholarship Committee, Bond University, Australia.
- Served on the selection committee for Professor/Associate Professor/Assistant Professor and promotion committee at Bond University and other overseas Universities.
- Member (School Representative), Library Advisory Committee, Bond University, Australia (1995-1999, 2001-2004).
- Chairman (Alternate) Research and Consultative Committee, School of Information Technology, Bond University.
- Honorary Consultant, Sea World, Gold Coast, Australia.
- Invited Speaker for the meeting on Medical Statistics, Gold Coast Hospital, Southport, Australia.
- Assessor, ARC small grant scheme.
- Expert for the appointment of Professor/ Associate Professor in the School of Computing, Karachi University, Pakistan, Lahore University and SQU, Muscat, Oman.
- External examiner, Ph. D. Thesis, Lucknow University, India, Mcquarie University, Australia, Swinburne University of Technology, Bond University, Allahabad University, Griffith University, UP Technical University, Mother Teresa Women's University, Gandhigram University.
- External examiner, M.Sc. thesis, Monash University, Australia, Kuwait University, Kuwait, Griffith University, Australia, La Trobe University.
- Coordinator, Australian Region, Indian Technology Pool (ITP). (1994-1996)
- Honorary Consultant, WHO research project on "Utilization of facilities and services provided by the community health centers" at JIPMER, Pondicherry, India (1993).
- Delivered a series of lectures/seminar at Umea University, Sweden; La Trobe University, Melbourne, Limeric University, Ireland, University of Aberdeen, UK,

Jaipuria Institute of Management, Bond University, Australia; Griffith University, Australia; University of Adelaide, Australia; Monash University, Australia; Massey University, New Zealand; University of Canterbury, Christchurch, National University of Ireland, Galway, Universal College of Learning, New Zealand; Indian Statistical Institute, New Delhi; University of Kent at Canterbury, England; National Chengchi University, Taiwan; Allahabad University, India; Lucknow University, India, APTECH School for Software Export Training, India, Roorkee University, India; National University of Singapore, HELP University College, Malaysia, Indian Institute of Management etc.

- External examiner in Statistics, Allahabad University and Lucknow University, India.
- Chairman Placement, Indian Institute of Management (IIML), Lucknow, India (1988 - 1990).
- Member, Admission Committee, IIML, India.
- Member, Institutional Consultative Committee, IIML, India (1988 - 1990).
- Representative, Post graduate committee, University of Kent at Canterbury, England (1985 - 1986).
- Adviser, Statistical Society, Ewing Christian College, Allahabad, India (1981 - 1983).

14. GRADUATE STUDENTS

Post Doc: Supervised Dr Mridula Sahay for Post Doctoral Fellowship after sponsored her for Endeavour Awards which are the Department of Education, Employment and Workplace Relations' international scholarships programme. Endeavour is a prestigious scholarship programme showcasing the excellence of Australia's education, science and training sectors.

Ph.D.

Mukesh Srivastava

Thesis Title: "Specification of error structure in linear regression model"

Ali Mohammed Al - saleh

Thesis Title: "Long range manpower and economic Forecasting"

Sukanto Bhattacharya

Thesis Title: Utility, Rationality and Beyond – From Behavioural Finance to Informational Finance.

Ping Zhang

Thesis Title: Role of Artificial Neural Network and Statistical Techniques in Breast Cancer Detection.

M.S. and Honours Thesis

Dilbagh S Gill “Modelling and Forecasting Australian Financial and Economic Time Series Data.”

S M Premaratne “Modelling and Forecasting Sri Lankan Economy”

Richard Song “Modelling and Forecasting International Tourism in Australia”

Ebrahim Al-haddad “International Paid minutes forecasting”

Yu Feng Lung "Financial time series analysis"

Boon Wah Ling “On forecasting exchange rate”

Kwang Yee Leng “Specification of error structure in GLRM”

Ng Yen Imm “Estimation in non-linear models”

Yee Peng Fei “Multivariate Analysis of Stock data”

15. PROJECTS

“Data mining applications in Medical, Pharmaceutical and Health Sciences” (Australian research Council)

“A hybrid trading system using advanced investment technology tools” (Australian research Council).

“Application of Chaos, Genetic Modelling and Artificial Network for Forecasting Time Series Data” (Australian Research Council).

“System Dynamics, Path Analysis and Econometric Modelling of the Australian Economic Time Series Data” (Australian Research Council).

“Modelling and Forecasting Macro-economic Time Series Data” (Australian Research Council).

“Artificial Neural Network, Statistics and decision support system: Tourism risk management tools for the Australian Market” (jointly with C Tan and Gavin Finnie).

“Application of non-linear time series modelling in forecasting” (Australian Research Council).

Chief Coordinator, Managerial Manpower Forecasting in India by 2000 AD (Ministry of Education , Government of India) .

Chief Coordinator, Quality of health care system in India (Project sponsored by NEP, Ministry of HRM, Government of India).

Coordinator, An analysis of the profiles of the acceptor of family planning programme in India (Project sponsored by IIML for Health Management group).

Coordinator, Developing a data base with a view to model Indian Economy.

16. MANAGEMENT DEVELOPMENT PROGRAMME

Module Coordinator, Quantitative Methods in the training programme for the Indian Administrative Services officers on Management Concepts and Techniques at IIML.

MIS for rural development and data collection, training programme on rural development administration for the rural development officers conducted by IIML.

17. COURSE MATERIAL

Developed course material for various subjects and EDP's including Quantitative analysis for management, Applied Econometrics and Forecasting, Survey methods, Multivariate analysis and Time series analysis and many other courses taught at Bond University from time to time.

Also developed course material for Institute of Technology, Australia.

18. CONSULTANCIES

Consultant for Managerial Manpower Forecasting Project, Government of India.

Consultant for Hot Dockets.

Consultant for PRODAP.

Consultant for Sea World.

Consultant for WHO project.

Consultant for IOTA.

19. CONFERENCE ORGANIZATION/ CHAIRMAN

Conference Chair, International Conference on Recent Developments in Statistics, Econometrics and Forecasting, December 2010, Allahabad, India.

Conference Chair, International Conference on Advanced Investment Technology, December 1999, Gold Coast, Australia.

Chairman, Local Organizing Committee, International Conference on Advanced Technology in the Environmental Field, May 1996, Gold Coast, Australia.

Conference Director, 4th Conference on Mathematics and Computer in Sport, Gold Coast, Australia (jointly with Neville de Mestre).

Plenary Speaker

- Information and Management Science Conference 2006
- INTECH 2005
- Evidence based practice- Teach the Teachers, September 2007.
- SME Banking and Finance Conference, Mumbai, India, April 2007.

Chaired a session in the

- 14th Australian Statistical Society Conference, Conrad Jupiters , Australia.
- International Conference on Statistical Inference and Reliability, Chandigarh, India.
- Advanced Investment Technology, Bond University, Australia.
- Sixth International Conference on Environmetrics, Kuala Lumpur, Malaysia.
- International Conference on Modelling and Simulation, University of Newcastle, Australia.
- International Conference on Statistics, Combinatorics and Related Areas.
- Golden Jubilee Session of the Indian Society of Agricultural Statistics, New Delhi, India.
- Australian Tourism and Hospitality Research Conference, Gold Coast, Australia.
- International Conference on Advanced Technology in the Environmental Field.
- International Conference on Intelligent Technologies and Applied Statistics, Taipei

- International Conference on Recent Advances in Statistics, IIT Kanpur
- Indian Society for Medical Statistics, Pondicherry.
- International Conference on Statistics and Informatics, New Delhi
- International Symposium on Optimization and Statistics.
- International Association for Business and Economics Conference, Bangkok.
- Annala International Conference on Business Intelligence and Data Warehousing, Singapore, 2010.
- International Conference on Recent Developments in Statistics, Econometrics and Forecasting, December 2010, Allahabad, India.

Invited paper/speaker at the

- International Symposium on Forecasting,
- International Conference on Business and Economic Issues
- International Symposium on Optimization and Statistics
- International Conference on Statistics, Combinatorics and Related Areas,
- International Conference on Statistical Inference and Reliability,
- International Conference on Recent Developments in Statistics and Probability and their Applications,
- International Conference on Environmetrics,
- World Multiconference on Systematics, Cybernetics and Informatics
- International Statistical Institute Conference,
- UNICEF Conference on AIDS Modelling,
- Royal Statistical Society Conference (Workshop on change point detection).
- International Conference on Intelligent Technologies and Applied Statistics, Taipei
- International Conference on Cognitive Sciences, New Delhi.
- International Conference on Recent Advances in Statistics, IIT Kanpur
- Indian Society for Medical Statistics, Pondicherry.
- International Conference on Statistics and Informatics, New Delhi
- International Conference of Business, Economics and Management, Beijing.
- SME Conference on Banking and Finance, Mumbai
- SME conference on Banking and Finance, Kuala Lumpur.

Organised a session in the

- International Conference on Advanced Technology in the Environmental Field.
- 14th Australian Statistical Society Conference
- International Conference on Statistics, Combinatorics and Related Areas.

WORKSHOPS Organized/Delivered

- Delivered a workshop on Financial Time series analysis and Forecasting, Bond University, August 1999.
- Delivered a workshop on Financial Forecasting, Advanced Investment Technology, Bond University, and December 1999.
- SPSS workshop for Health and Medical Science Research workers, PHCRED, Bond University, August 2007.
- Advanced SPSS workshop for Medical and Health practitioners, PHCRED, Bond University, September 2007.
- Qualitative Research Methods using SPSS workshop for Medical and Health practitioners, PHCRED, Bond University, December 2007.
- Delivered a full day workshop on Fraud Detection and Bankruptcy Prediction, HELP University, Malaysia, June 2010.

CITATIONS (Google Scholar)

[Some recent developments in non-linear time series modelling, testing and forecasting - Check for full text](#)

JG De Gooijer, K **Kumar** - International Journal of Forecasting, 1992 - ideas.repec.org
Cited by 94 - [Related articles](#) - [Cached](#) - [Web Search](#)

[Neural vs. statistical classifier in conjunction with genetic algorithm based feature selection](#) - [PDF] ► [ugr.es](#) - [Check for full text](#)

P Zhang, B Verma, K **Kumar** - Pattern Recognition Letters, 2005 - Elsevier
Digital mammography is one of the most suitable methods for early detection of breast cancer. It uses digital mammograms to find suspicious areas containing benign and malignant microcalcifications. However, it is very difficult to ...
Cited by 57 - [Related articles](#) - [Web Search](#) - [All 8 versions](#)

[ON THE IDENTIFICATION OF SOME BILINEAR TIME SERIES MODELS](#)

K **Kumar** - Journal of Time Series Analysis, 1986 - Blackwell Synergy
Page 1. ON THE IDENTIFICATION OF SOME BILINEAR TIME SERIES MODELS BY **KULDEEP KUMAR**

Mathematical Institute, University of Kent at Canterbury Abstract. In their book on bilinear time series models Granger and Andersen (1978, ...
Cited by 19 - [Related articles](#) - [Web Search](#) - [Find at Bond University](#)

[Detection of change points in time series analysis with fuzzy statistics - Check for full text](#)

K **Kumar**, B Wu - International Journal of Systems Science, 2001 - informaworld.com
Changes in time series often occur gradually so that there is a certain amount of fuzziness in the change point. In this paper we have presented an integrated identification procedure for change-point detection based on fuzzy ...
Cited by 14 - [Related articles](#) - [Web Search](#) - [BL Direct](#) - [All 2 versions](#)

[A neural-genetic algorithm for feature selection and breast abnormality classification in digital ...](#)

P Zhang, B Verma, K **Kumar** - Neural Networks, 2004. Proceedings. 2004 IEEE International ..., 2004 - ieeexplore.ieee.org

Bond University Central Queensland University Bond University Rockhampton, QLD 4702, Australia Pzhang@staff.bond.edu.au b.verma@cqu.edu.au

kkumar@staff.bond.edu.au ... Absfrm+Digital mammography is one of the most ...

Cited by 16 - [Related articles](#) - [Web Search](#) - [All 3 versions](#)

[Detection of financial distress via multivariate statistical analysis - Check for full text](#)

S Gamesalingam, K **Kumar** - Managerial Finance, 2001 - ingentaconnect.com

The role of statistics is to summarise, to simplify and eventually to explain the behaviour of the data. With the modern computer facilities multivariate statistical analysis has become very popular among researchers to fulfil ...

Cited by 11 - [Related articles](#) - [Web Search](#) - [BL Direct](#) - [All 4 versions](#)

[Artificial neural network vs linear discriminant analysis in credit ratings forecast](#)

K Kumar, S Bhattacharya - Review of Accounting and Finance, 2006 - emeraldinsight.com

Purpose – The purpose of this paper is to perform a comparative study of prediction performances of an artificial neural network (ANN) model against a linear prediction model like a linear discriminant analysis (LDA) with ...

Cited by 14 - [Related articles](#) - [Web Search](#) - [Find at Bond University](#) - [BL Direct](#) - [All 6 versions](#)

[BENFORD'S LAW AND ITS APPLICATION IN FINANCIAL FRAUD DETECTION](#)

K **Kumar**, S Bhattacharya - Advances in Financial Planning and Forecasting, Volume 11, 2003 -

books.google.com BENFORD'S LAW AND ITS APPLICATION IN FINANCIAL FRAUD DETECTION

Kuldeep Kumar and Sukanto Bhattacharya ABSTRACT In this paper we have discussed Benford's law, which explains that the leading (first or leftmost) digit in a series of ...

Cited by 10 - [Related articles](#) - [Web Search](#)

[CITATION\] On the Identification of Autoregressive Moving Average Models](#)

K **Kumar** - CONTROL AND INTELLIGENT SYSTEMS, 2000

Cited by 5 - [Related articles](#) - [Web Search](#) - [BL Direct](#)

[Application of genetic and fuzzy modelling in time series analysis](#)

K **Kumar**, B Wu - Computational Intelligence and Multimedia Applications, 1999 ..., 1999 - ieeexplore.ieee.org

Researchers have proposed a lot of detecting and testing methods about change points. While in the real case, it shows that the structure change of a time series was changed gradually, that is the change points has illustrated ...

[Cited by 4](#) - [Related articles](#) - [Web Search](#) - [Find at Bond University](#) - [All 2 versions](#)

[CITATION\] Forecasting credit ratings using an ANN and statistical techniques -](#)

[Check for full text](#)

K **Kumar**, JD Haynes - International Journal of Business Studies, 2003

Cited by 4 - [Related articles](#) - [Web Search](#)

[Bayesian analysis of disturbances variance in the linear regression model under asymmetric loss ... - Check for full text](#)

A Chaturvedi, MI Bhatti, K **Kumar** - Applied Mathematics and Computation, 2000 - Elsevier

In many estimation problems, when the positive and negative estimation errors of

the same magnitude have different consequences, the quadratic loss function or any other symmetric loss functions may be inappropriate for deriving and ...

Cited by 4 - [Related articles](#) - [Web Search](#) - [All 4 versions](#)

CITATION] Using chaotic components and ANN for forecasting exchange rates in foreign currency markets

K **Kumar**, C Tan, R Ghosh - Proceeding of the Queensland Finance Conference, 1999

[Cited by 2](#) - [Related articles](#) - [Web Search](#)

[On Deming's principle of human resource management: a statistical perspective](#) - [Check for full text](#)

MI Bhatti, K **Kumar**, M Schofield - Career Development International, 1998 - ingentaconnect.com

In recent years there has been a revolutionary approach in business, governments and industry due to advances in computer technology and efficient statistical methods. This paper examines and offers practical suggestions for those in ...

[Cited by 4](#) - [Related articles](#) - [Web Search](#) - [BL Direct](#) - [All 4 versions](#)

[Conditional probability of actually detecting a financial fraud-a neutrosophic](#)

[extension to ...](#) - [► arxiv.org](#) [PDF]

S Bhattacharya, K Kumar, F Smarandache - Arxiv preprint math.GM/0504520, 2005 -

arxiv.org... fraud – a neutrosophic extension to Benford's law Sukanto Bhattacharya
Alaska Pacific University, USA Kuldeep Kumar Bond University, Australia

Florentin Smarandache University of New Mexico, USA ...

Cited by 5 - [Related articles](#) - [View as HTML](#) - [Web Search](#) - [BL Direct](#) - [All 5 versions](#)

Teaching Evaluation May Semester 2001

Subject Code	Subject	Type	Score
IANL11-111	Elementary Business Statistics	Lecture	6.39/7
IANL11-111	Elementary Business Statistics	Lab	6.67/7
INFT 13-351	Forecasting for Management	Lecture	6.39/7
INFT 13-351	Forecasting for Management	Lab	6.5/7
PSYC12-200	Statistics for Psychology	Lecture	6.56/7
PSYC12-200	Statistics for Psychology	Lab	6.71/7

• Teaching Evaluation September Semester 2001

Subject Code	Subject	Type	Score
IANL11-112	Business Statistics	Lecture	6.03/7
IANL11-112	Business Statistics	Lab	6.27/7
INFT 11-142	Business Mathematics	Lecture	6.38/7
INFT 11-142	Business Mathematics	Lab	6.19/7
INFT13-352	Statistical Modelling	Lecture	6.60/7

• Teaching Evaluation May Semester 2002

Subject Code	Subject	Type	Score
IANL11-112	Business Statistics	Lecture	6.61/7
IANL11-112	Business Statistics	Lab	6.57/7
INFT 11-351	Forecasting for Management	Lecture	6.18/7
INFT 11-142	Forecasting for management	Lab	6.29/7

• Teaching Evaluation September Semester 2002

Subject Code	Subject	Type	Score
IANL11-111	Elementary Business Statistics	Lecture	6.08/7
IANL11-111	Elementary Business Statistics	Lab	6.39/7
INFT 13-352	Statistical Modelling	Lecture	6.67/7

Subject Code	Subject	Type	Median Score
INFT155	Computing Statistics	Lecture	7.0/7
INFT352	Statistical Modelling	Lecture	7.0/7
INFT352	Statistical Modelling	Lab	7.0/7
IANL112	Business Statistics	Lecture	6.0/7
IANL112	Business Statistics	Lab	6.0/7
IANL141	Elementary Business Maths	Lecture	7.0/7
IANL141	Elementary Business Maths	Lab	7.0/7
January 2004 (041)			
Subject Code	Subject	Type	Median Score
BUSN70-501	Business Analysis Methods	Lecture	6.0/7

IANL 112	Business Statistics	Lecture	6.0/7
IANL 112	Business Statistics	Lab	6.0/7
May 2004 (042)			
Subject Code	Subject	Type	Median Score
IANL112	Business Statistics	Lecture	6.0/7
IANL112	Business Statistics	Lab	6.0/7
INFT351	Forecasting for Management	Lecture	6.0/7
INFT351	Forecasting for Management	Lab	6.0/7
September 2004 043			
Subject Code	Subject	Type	Median Score
IANL112	Business Statistics	Lecture	6.0/7
IANL112	Business Statistics	Lab	6.0/7
INFT352	Statistical Modelling	Lecture	7.0/7
INFT352	Statistical Modelling	Lab	7.0/7
January 2005 (051)			
Subject Code	Subject	Type	Median Score
PSYC200	Statistics for Psychology	Lecture	6.0/7
PSYC200	Statistics for Psychology	Lab	6.0/7
May 2005 (052)			
Subject Code	Subject	Type	Median Score
INFT155	Computing Statistics	Lecture	6.5/7
IANL 111	Elementary Business Statistics	Lab	6/7
IANL 111	Elementary Business Statistics	Lecture	7/7
INFT 351	Forecasting for Management	Lecture	7/7
INFT 351	Forecasting for Management	Lab	7/7
September 2005 (053)			
Subject Code	Subject	Type	Median Score
INFT13-352	Statistical Modelling	Lecture	7/7
INFT13-352	Statistical Modelling	Lab	7/7
IANL11-112	Business Statistics	Lecture	6/7
IANL11-112	Business Statistics	Lab	6/7
January 2006 (061)			
Subject Code	Subject	Type	Median Score
STAT11-111	Business Statistics	Lec+Lab	7/7

BUSN71-600	Analysis and Application	Lec+Lab	6.5/7
BUSN70-501	Business Analysis Methods	Lec+Lab	6.5/7
September 2006(063)			
Subject Code	Subject	Type	Median Score
BUSN71-600	Analysis and Application	Lec+Lab	6/7
BUSN90-932	Multivariate Analysis	Lec+Lab	7/7

January 2007 (071)

Subject Code	Subject	Type	Mean Score	Median Score	Number
BUSN 71-600	Analysis and Application	Lec+Lab	6.2	6	20
STAT11-111	Business Statistics	Lec+Lab	6.15	6.5	33

September 2007(073)

Subject Code	Subject	Type	Mean Score	Median Score	Number
ECON 12-200	Econometric Methods	Lec+Lab	5.66	5	32
BUSN71-600	Analysis and Application	Lec+Lab	6.43	6	28

January 2008(081)

Subject Code	Subject	Type	Mean Score	Median Score	Number
BUSN71-600	Analysis and Application	Lec+lab	5.88	6	24
STAT11-111	Business Statistics	Lec+lab	6.41	7	41

Comments

- Very helpful and explains concept very well.
- Excellent!!!
- Patience + Presence
- Patience, calm, serene, nothing to muk trouble, explains clearly
- Teaching Style (what do you like most?)
- Well rounded knowledge of the subject
- Made concepts simplified so they were easier to understand
- Knows the subject well. Very knowledgeable of statistics
- Organization, clear goals, calmness
- Explains all terms and concepts clearly.
- Clear goals, logical, follows outline, organized, calm, does not get distracted
- Nice person, approachable and good knowledge.
- Ability to explain concepts
- Very practical good lab approach
- Lots of examples, explains concepts and enhance understanding. Provides handout of everything covered in the lecture for review. Calm and well organized.
- Very consistent and well organized. The chain of lecture – workshop- assignment was excellent in terms of covered material.
- Many other IT courses at Bond University can learn from this course. This course has been organized and planned almost exactly the way a course should run for optimal learning.

- Makes the classes very interesting.
 - Well organized, ability to explain concepts clearly.
 - Knows his material very well. Very approachable and helpful. Very positive and encouraging.
 - Interesting and hands on application to real world.
 - He explains nicely with lots of examples.
 - I understand very well from his teaching because he teaches us slowly.
 - One of the best teachers I have ever had.
 - Very good teaching and explanation skills.
 - Kuldeep makes sure that everyone understands by repeating the concepts and doing the reviews.
 - Extensive knowledge of the subject.
- **Student Teaching Evaluation: Comments**

IANL 142 BUSINESS MATHEMATICS

- I found the explanations extremely clear and helpful. They allowed for the greater understanding of the subject matter especially for the preparation for the final exam.
- The final third of the semester was definitely a lot more enjoyable as I was able to understand the lectures and the examples and felt at ease with the subject matter.
- ++ Go slower perhaps. Better and longer explanation.
- provides heaps of examples which made learning much easier as I had lots of notes to look back on when needed.
- ++ having only one lecturer for the semester.
- Knows material well. Always well prepared for the class. Gives clear explanation of the material.
- Very well in teaching.
- Knows subject matter well.
- Clear explanation. Good.
- Using Examples
- provides very clear explanation and gives a wide variety of examples. I really enjoyed the course.
- ++ Change the text book for the course-some parts of course not covered well in text book.
- Overall fine.
- excellent explanation of all problems--thorough working and constant examples.

IANL 711 FORECASTING FOR MANAGEMENT

- Friendly and willing to assist.
- Enjoyed classes.

IANL 111 ELEMENTARY BUSINESS STATISTICS (TUT)

- Almost everything.
- ++ May be a time change will be appropriate.
- No comment, everything is so well done.
- Very good teacher.
- Kuldeep - legend.

IANL 111 ELEMENTARY BUSINESS STATISTICS (LECTURES)

- He communicates a very difficult subject topics extremely well.
- His knowledge of the subject-the example he gives-the way he explains

- ++ the tutes would not be in the lab-the time should be spent doing exam questions.
- Willing to offer individual help.
- Willing to help students.
- Lecturer is very kind to help to us--and explanation is very good in lecture so vey good!
- Patience
- Extremely clear at explaining concepts-anyone who can make me understand statistics and feel confident. Let alone for me to get 100%in mid semester exam is an outstanding teacher in my opinion.
- ++ having a credit for the course-not just pass or fail.
- the way he is able to explain complicated concepts in a clear way.-his examples.
- the lead-up towards an exam was extremely thorough. Kuldeep presented the lecture material very well and gave plenty of examples. He was also extremely approachable.
- Kind to give suggestions at all time.--well organised for study material.
- Patience
- going through examples+demonstration formala.
- The lecture is clear and the structure of the lecture is designed to enable a greater understanding of the subject.
- Maths knowledge--slow down in your talking a little.
- Helpful--friendly--always on time--should teach QM and Finance as well--is good to use many examples--he is the best teacher that I ever have.
- Unbelievable knowledge of the concepts and an ability to carry them as well.
- His knowledge in the subject--his readiness to help--he is approachable.

IANL 221 APPLIED STATISTICS

- Good knowledge of the field-good fields covered.
- ++More class time when we discuss informally.
- clearly knows the area very well. Is available for consultation and was a good help. The use of computers made the course very.- I have learnt alot in the course. Possibly 4-6 is a bad time to have classes.

BUSN 800 BUSINESS ANALYSIS METHODS

- Many
- ++Remove the requirement for engineers etc. To do this course.
- the lecturer's strength is his knowledge of the subject and presentation of facts and explanation.
- ++ More weight to business maths in the first section.
- Knows subject matter very well--used examples very well-good "speed" of class.
- He is very organised and made the subject interesting. He is well prepared for the lecture and encourages class participation.
- ++ more lab sessions.
- OK
- Kumar is good.
- Knows subject--gentle nature.
- Stats is better than mathematics.KK is best.
- Experience
- Kuldeep is excellent.