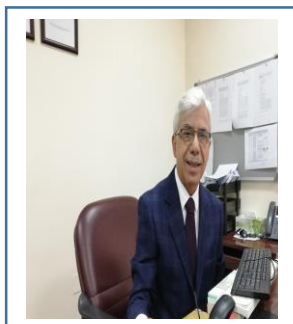# Curriculum Vitae

Position/Designation: Expert of Statistical analyses and Data Management, Chancellor's Office and full Professor of Statistical Inference, UoN.

Department: Mathematical and Physical Sciences

College: Art and Sciences

University of Nizwa , Sultanate of Oman

Personal Information
Name: Zuhair A. Al-Hemyari Marital Status: Married Email Address: alhemyari@unizwa.edu.om Contact Numbers: (00968)2544409
Academic Qualifications
• Ph.D. (Mathematical Statistics), Department of Mathematics, Indian Institute of Technology, Delhi, India, 1988-89. • M.Sc. (Statistics), Department of Statistics, Baghdad University, Iraq, 1978. Second position in the department. • B.Sc. (Statistics), Department of Statistics, Al-Mustansiryah University, Baghdad, Iraq, 1976. Second position in the department. • Other Certificate: "Teaching Methods and Techniques". Issued by the Center of Teaching Methods, Baghdad University, Sep. 1991.
Teaching Activities, Current / Previous Experience
Taught several courses in Statistics, Reliability, Optimization and some in Mathematics at undergraduate and postgraduate levels (some at M. Sc. and Ph.D. levels) in different departments and universities and in various countries, some of which are listed below: **i) UNDERGRADUATE LEVEL COURSES TAUGHT:** •   Basic Statistics •   Applied Statistics •   Economic Statistics •   Statistics for Education •   Statistics for Engineering

- Econometrics
- Biological Data Handling
- Probability
- Quantitative Methods
- Statistical Methods
- Computational Techniques in Statistics
- Forecasting methods for Business
- Stochastic Processes
- Mathematical Programming
- Regression Analysis
- Sampling Techniques
- Statistical Inference
- Stochastic and Random Process
- Mathematical Statistics
- Estimation Theory
- Analysis of Variance
- Hypothesis Testing
- Linear Models
- Quality Control
- Operations Research
- Information Theory
- Reliability Theory
- Calculus
- Linear Algebra
- Numerical Analysis
- Information Sources
- Decision Support Information Systems
- Time Series
- Special Topic in Applied Linear Models using Statistical Software
- Special Topic in Data Analysis using Statistical Software
- Special Topic in Statistical Inference using Statistical Software

ii) GRADUATE LEVEL COURSES TAUGHT:

- Linear Mathematical Programming
- Non-linear Mathematical Programming
- Statistical Inference
- Bio-Statistics
- Statistical Models Analysis
- Mathematical Statistics
- Advanced Probability Theory
- Advanced Mathematical Statistics
- Statistical Analysis
- Design of Experiments
- Measure Theory
- Information Theory
- Statistics for Education (using SPSS)
- Introduction to Statistics (a pre-requisite for M. Sc. students)

Research Activities
(includes but not limited to research interests, conference attendance, conference presentations and publications, refereed journal, articles ,books, ect.)

Research interests:
Single and Double-stage Sampling Techniques, Censored Data Schemes Theory and Applications, Inference with Preliminary Test, Shrinkage Method, Bayesian- Shrinkage Procedures, Reliability Theory and Applications, Reliability Engineering, Modeling and Optimization, Data Analysis, Reliability Management, Quality Management, Statistical Indicators, Quality Assurance/Audit, Internationalization of higher education institutions (HEIs), Intangible management of HEIs, Intellectual capital of HEIs, Knowledge management of HEIs, Performative models for HEIs quality and Ranking models of HEIs.

Conference presentations:
Participated in various national and international conferences. Chaired sessions and presented/ submitted papers to:
1.   First International Conference in L1-norm and related methods, Neuchâtel, Switzerland, 1987, 31 August-4 September.
2, 3. IX (1987) & X (1988). Annual Conferences of Indian Society for Probability and Statistics, New Delhi, November 10-13, 1987 and November 27-30, 1988
4. Raj Chandra Bose Symposium on Probability, Statistics and Design of Experiment. New Delhi, 1988, December 27-30.
5. The International Conference on recent developments in Statistical Data Analysis and Inference, Newchatel, Switzerland, 1989, 21-24 August.
6, 7. First (1988) and second (1990), Islamic Countries Conferences on Statistical Sciences, Pakistan (27-31 August 1988, Lahore), and Malaysia (August 26-30, UTM Johor Bahru).
8. Asian Congress on Quality and Reliability (1990), New Delhi, India, December 6-9.
9, 10, 11, 12, 13, 14-III (1990), IV (1992), VI (1995), VII (1996), VIII (1997) and IX (1998) Annual Conferences of Iraqi Statistical Assoc., Baghdad.
15.15th International Conference for Statistics, Computer Sciences,…Cairo, 1990.
16, 17, 18- IX (1991), X (1993), and XI (1995). Annual Conferences of Iraqi Society of Physics and Mathematics.
19. Informatics: Future outlooks (2001). Federation of Arab Scientific Research Council, Baghdad.
20, 21. VI (2001) & IX (2003). Annual Conferences of Al-Mansour University College, Baghdad.
22. Higher education in Iraq (2004). Britain PA and TI, London Book Fair, London.
23. The importance of Database in decision making (2005), Erbid University and Federation of Arab Scientific Research Council Conference. Erbid, Jordon.
24. Towards National Standards for Foundation Year Programs. A National Symposium (2007), Sultan Qaboos University, Sultanate of Oman.
25. 35th Annual Meeting of the Statistical Society of Canada (2007). Memorial University of Newfoundland in St. John's, Canada.
26. 5th International Conference in Mathematical Methods in Reliability (2007). Strathclyde University, Glasgow, U. K.
27. IEEE, the IEEM International Conference on Industrial Engineering and Engineering Management (2007). Organized by IEEE-EMS Singapore Chapter, Singapore.
28. The First Forum for Statisticians, Ministry of National Economy, 13-14. Nov. 2007, Muscat, Oman.
29. The Second Forum for Statisticians, Ministry of National Economy, 25-28. May 2008, Muscat, Oman.

30. The Third International Conference in Mathematical Sciences ICM-2008, United Arab Emirates University, Alain, UAE.
31. The 2009 International Conference of Computational Statistics and Data Engineering, International Association for Engineers, London.
31. The second Arab Conference in Statistics (2009), Tripoli, Libya.
32. The Second Forum for Statisticians, Ministry of National Economy, 29-30 Dec. 2009,   Muscat.
33. The First International Conference on Mathematics and Statistics, American University of Sharjah, UAE, 18-21 March 2010.
34. The 2012 International Conference of Computational Statistics and Data Engineering, International Association for Engineers, June 2012, London, UK.
35. The International Conference of Health System 2050, "Health 2050" Ministry of Health,   Oman, Muscat, 1-3, May 2012.
36. The Fourth International Statistical Conference, Union of Arab Statistician, Baghdad, Nov. 20- 22, 2013.
37. The Future of Education, Florence, Italy 12 – 13, June 2014.
38. Ireland International Conference in Education (IICE), Dublin, Ireland, 27-29 October 2014.
39. The Future of Education, Florence, Italy 11 – 12, June 2015.
40. The International Conference of Education, Research and Development, Elenite, Bulgaria, 4-8 September 2016.
41. The 4th OQNHE Conference 2017, Muscat, 21-22 March 2017.
42. GSS Statistical Forum 2nd, Muscat, 27-28 Feb. 2020.

Conferences Committees (National & International):
1.Member, 2016 International Conference on Mechanical Automation and Control Engineering
 (ICMACE), Technical Committees. February 27-29, Phuket, Thailand.
2. Member, International Conference Committee, ICRM 2014 : International Conference on Reliability and Maintainability, Barcelona, Spain, August 18 - 19, 2014.
3.Member, International Advisory Committee, International Conference on Mathematics and Soft Computing in N.C. College of Engineering Israna, Panipat, India (2010).
4. Member, International Advisory Committee, 4th International Conference On Quality, Reliability and Infocom. Technology & Mathematical Modeling and   Related Optimization Technique 18 - 20 Dec, 2009 University of Delhi, India.
5. Member, International Advisory Committee. Annual Conferences of Al-Mansour University College, Baghdad, Iraq (2001, 2002).
6.Member, Advisory Committee of VI (1995) and VII (1996)   annual Conferences of Iraqi Statistical Assoc., Baghdad, Iraq.

Conference Attendance:
Participated in various national and international conferences. Chaired sessions and presented/ submitted papers to:
1.   First International Conference in L1-norm and related methods, Neuchâtel, Switzerland, 1987, 31 August-4 September.
2, 3. IX (1987) & X (1988). Annual Conferences of Indian Society for Probability and Statistics, New Delhi, November 10-13, 1987 and November 27-30, 1988
4. Raj Chandra Bose Symposium on Probability, Statistics and Design of Experiment. New   Delhi, 1988, December 27-30.
5. The International Conference on recent developments in Statistical Data Analysis and Inference, Newchatel, Switzerland, 1989, 21-24 August.

6, 7. First (1988) and second (1990), Islamic Countries Conferences on Statistical Sciences,   Pakistan (27-31 August 1988, Lahore), and Malaysia (August 26-30, UTM Johor Bahru).

8. Asian Congress on Quality and Reliability (1990), New Delhi, India, December 6-9.

9, 10, 11, 12, 13, 14-III (1990), IV (1992), VI (1995), VII (1996), VIII (1997) and IX (1998)   Annual Conferences of Iraqi Statistical Assoc., Baghdad.

15.15th International Conference for Statistics, Computer Sciences,…Cairo, 1990.

16, 17, 18- IX (1991), X (1993), and XI (1995). Annual Conferences of Iraqi Society of Physics   and Mathematics.

19. Informatics: Future outlooks (2001). Federation of Arab Scientific Research Council,   Baghdad.

20, 21. VI (2001) & IX (2003). Annual Conferences of Al-Mansour University College,   Baghdad.

22. Higher education in Iraq (2004). Britain PA and TI, London Book Fair, London.

23. The importance of Database in decision making (2005), Erbid University and Federation of   Arab Scientific Research Council Conference. Erbid, Jordon.

24. Towards National Standards for Foundation Year Programs. A National Symposium (2007), Sultan Qaboos University, Sultanate of Oman.

25. 35th Annual Meeting of the Statistical Society of Canada (2007). Memorial University of Newfoundland in St. John's, Canada.

26. 5th International Conference in Mathematical Methods in Reliability (2007). Strathclyde University, Glasgow, U. K.

27. IEEE, the IEEM International Conference on Industrial Engineering and Engineering   Management (2007). Organized by IEEE-EMS Singapore Chapter, Singapore.

28. The First Forum for Statisticians, Ministry of National Economy, 13-14. Nov. 2007,   Muscat, Oman.

29. The Second Forum for Statisticians, Ministry of National Economy, 25-28. May 2008,   Muscat, Oman.

30. The Third International Conference in Mathematical Sciences ICM-2008, United Arab Emirates University, Alain, UAE.

31. The 2009 International Conference of Computational Statistics and Data Engineering, International Association for Engineers, London.

31. The second Arab Conference in Statistics (2009), Tripoli, Libya.

32. The Second Forum for Statisticians, Ministry of National Economy, 29-30 Dec. 2009,   Muscat.

33. The First International Conference on Mathematics and Statistics, American University of Sharjah, UAE, 18-21 March 2010.

34.The 2012 International Conference of Computational Statistics and Data Engineering, International Association for Engineers, June 2012, London, UK.

35. The International Conference of Health System 2050, "Health 2050" Ministry of Health,   Oman, Muscat, 1-3, May 2012.

36. The Fourth International Statistical Conference, Union of Arab Statistician, Baghdad, Nov. 20- 22, 2013.

37. The Future of Education, Florence, Italy 12 – 13, June 2014.

38. Ireland International Conference in Education (IICE), Dublin, Ireland, 27-29 October 2014.

39. The Future of Education, Florence, Italy 11 – 12, June 2015.

40. The International Conference of Education, Research and Development, Elenite, Bulgaria, 4-8 September 2016.

41. The 4th OQNHE Conference 2017, Muscat, 21-22 March 2017.

42. GSS Statistical Forum 2nd, Muscat, 27-28 Feb. 2020.

Publications:

i) Papers:

The following papers have been published/ accepted in referred/peer reviewed journals or referred conferences:

1. Z. A. Al-Hemyari and J. Al-Abasi (2022). Statistical Modelling of the Global Warming Data using Trigonometric Functions and Mixture Gaussian Distributions. Under consideration.
2. Z. A. Al-Hemyari and A. M. Al Sarmi (2022). A Performance-based Measurement Model for HEIs: An Integrative Model of Statistical Approach and Performance Measures. Under consideration.
3. Z. A. Al-Hemyari (2022). Ranking of HEIs of Developing Countries: Theoretical Framework and Practical Results. Under consideration.
4. Marwa Hashem Abd Ali, Alaa Khlaif Jiheel, Z. A. Al-Hemyari (2022) Two Stage Shrinkage Bayesian Estimator Depending on Katti's Regions. Accepted, Journal for Computer Science and Mathematics.
5. Z. A. Al-Hemyari and A. Khalifeh (2021). On Shrunken Estimators for the Ratio of scale parameters in the Exponential Two-sample Problem. Under consideration.
6. Z. A. Al-Hemyari and J. Al-Abasi (2021). Modeling and Analyzing the Daily Temperature of Several Cities using Mixture Gaussian Distributions. Accepted in Int. J. of Computing Science and Mathematics (IJCSM).
7. Z. A. Al-Hemyari and W. Al-Rajihi (2021). Analyzing and Strengthening the efficiency of Institutional Management Processes through Surveying the Opinions of the Stakeholders. Accepted in Journal of Webology.
8. Z. A. Al-Hemyari and A. M. Al Sarmi (2021). Performance and planning model for HEIs: A developmental engine for intellectual capital. Accepted in journal of Human System Management, IOS, The Netherland.
9. Z. A. Al-Hemyari and W. Al-Rajihi (2021). How can we develop academic and student surveys to measure and evaluate the quality of services at higher education institutions? Insights from a non-profit HEI in the Sultanate of Oman. Accepted in the journal: Int. J. of Quality and Innovation.
10. Z. A. Al-Hemyari (2020). The Role of Statistics in Higher Education. The International Webinar "Accurate and Comprehensive Information for a Carefree Life" on the World Statistics Day of the UoN, 20th Oct. 2020. https://www.facebook.com/CAS.UoN.OM/photos/pcb.397453461660514/3974533549 93858/

11. Z. A. Al-Hemyari (2020). Modelling the Performance of HEIs: Technique for Modelling and Assessing the Institutional Goals and Practical Results. Under consideration.
12. 4Z. A. Al-Hemyari & A. Jehel (2019). A TSST of the Reliability Function for Exponential Failure Model Using Type II Censored Data with Minimum Cost of Experimentations. Int. J. Reliability and Safety, Vol. 13, No. 3, 2019, pp.211-234 (Inderscience).
13. Z. A. Al-Hemyari (2019). A knowledge management model for enhancing quality and performance of higher education institutions: insights from Oman. Int. J. of Quality and Innovation, Vol. 4 No. ½, pp.99-119 (Inderscience).
14. Z. A. Al-Hemyari, H. Al Dabag and A. Al-Humairi (2019). A Class of Always Pooling Shrinkage Testimators for the Weibull Model. Int. J. Mathematics in Operational Research, Vol. 14, No. 3, pp. 407-432 (Inderscience).

15. Z. A. Al-Hemyari and A. M. Al-Sarmi (2018). Information Management Model for Intellectual Capital of HEIs in Oman: Theoretical Quantitative Approach and Practical Results. J. of Information and Knowledge Management, Vol. 17, No. 1, pp.1-38. (World Scientific).

16. Z. A. Al-Hemyari, and A. Al-Humairi (2017). Quality Teaching of Private HEIs: Comparative Study based on Students' Perceptions and Expectations. Int. J. of Quality and Innovation, Vol. 3, Nos. 2/3/4, pp. 209-228 (Inderscience).

17. Z. A. Al-Hemyari and A. M. Al-Sarmi (2017). HEIs Quality Improvement Through Students and Academic Staff's Perception: Data Analysis and Robustness of the Results. International Journal for Quality Research, Vol.11, No.2, pp.261-278(Serbia and Indexed in Elsevier).

18. Z. A. Al-Hemyari and A. M. Al-Sarmi (2017). Al-Farahidi Performative model to assess HEIs. 4th OQNHE Conference 2017, Muscat, pp.1-15.

19. Z. A. Al-Hemyari and S. Al-Balushi (2017). Students' Perceptions and Expectations in Quality Teaching of Private HEIs: Comparative Study. 4th OQNHE Conference 2017, Muscat, pp.1-14.

20. Z. A. Al-Hemyari (2016). A TSST of the Mean of Exponential Model with Minimum Cost of Experimentations. Int. J. of Reliability and Safety Vol. 10, No. 4, pp.285-308 (Inderscience).

21. Z. A. Al-Hemyari and A. M. Al-Sarmi (2016). Validity and Reliability of Students and Academic Staff's Surveys to Improve Higher Education. Educational Alternatives, Journal of International Scientific Publications, Vol.14, pp. 242-263 (Bulgaria).

22. Z. A. Al-Hemyari and A. M. Al-Sarmi (2016). A Framework for Fostering the Quality of HEIs: Data Collection, Evaluation, Indication and Validation. Int. J. of Quality and Innovation, Vol.3, No.1, pp.42-66 (Inderscience).

23. Z. A. Al-Hemyari and H. A. Al-Dabag (2016). Two classes of Bayes-shrinkage estimators for Weibull lifetime model. Int. J. of Data analysis Techniques and Strategies, Vol.8, No.2, pp.161-182 (Inderscience).

24. Z. A. Al-Hemyari, H. A. Al-Dabag and Ali, Z. Al-Humairi (2015). Computational Procedures for Exponential Life Model Incorporating Bayes and Shrinkage Techniques. Int. J. of Reliability and Applications, 16 (2), pp.55-78 (Reliability Association, South Korean).

25. Z. A. Al-Hemyari and I. H. Husain (2015). Efficient, Simulation and modified shrinkage procedure for the simple linear regression model. Int. J. of Data analysis Techniques and Strategies, Vol.7, No.3, pp.253-283(Inderscience).

26. Z. A. Al-Hemyari and A. M. Al-Sarmi (2015). Standards, benchmarks and qualitative indicators to enhance the institution's activities and performance: Surveys and data analysis. International Journal of Knowledge-Based Organizations (IJKBO), Vol.5, No.4, pp.38-62 (IGI, USA).

27. A. M. Al-Sarmi and Z. A. Al-Hemyari (2015). Performance Measurement in Private HEIs: Performance Indicators, Data Collection and Analysis. Proceedings of the Conference "The Future of Education", pp. 511-516 (Italy).

28. Z. A. Al-Hemyari and A. M. Al-Sarmi (2015). Developing and Establishing Statistical Indicators for Fostering the Quality of Omani HEIs. International Journal for Cross-Disciplinary Subjects in Education (IJCDSE), Volume 6, Issue 2, pp. 2142-2151 (The Infonomics Society, Ireland).

29. Z. A. Al-Hemyari, A. M. Al-Sarmi and F. A. Salman (2015). Enhancing metacognition skills of higher education students: Methodology, statistical analysis and survey outcomes. Int. J. of Information and Decision sciences. Vol. 7, No. 1, pp.71-98 (Inderscience).

30. A. M. Al-Sarmi and Z. A. Al-Hemyari (2014). Quantitative and qualitative indicators to assess the performance of higher education institutions. Int. J. of Information and Decision sciences, Vol.6, No. 4, pp.369-392 (Inderscience).

31. Z. A. Al-Hemyari and J. A. Al-Dolimi (2014). Optimized shrinkage estimators of reliability function in a failure-time model with prior information and time censored data. Proceedings of

the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability, Vol. 228, No. 6, pp. 578–589 (SAGE, London).

32. Z. A. Al-Hemyari and A. M. Al-Sarmi (2014). Statistical characteristics of performance indicators. Int. J. of Quality and Innovation. Vol.2, No.3-4, pp. 385-309 (Inderscience).

33. Z. A. Al-Hemyari and A. M. Al-Sarmi (2014). Features of performance indicators in quality improvement of HEIs. Proceedings of the Ireland International Conference in Education (IICE), Oct. 26-28, pp. 390-395 (Dublin, Ireland).

34. A. M. Al-Sarmi and Z. A. Al-Hemyari (2014). Goals and objectives: Statistical techniques and measures for performance improvement of HEIs in Oman. Int. J. of Management in Education. Vol. 8, No. 3, pp.244–264(Inderscience).

35. Z. A. Al-Hemyari and A. M. Al-Sarmi (2013). Ranking and performing indicators for HEIs. Proceedings of the Fourth International Statistical Conference, Union of Arab Statistician, Baghdad, Nov. 20-22, pp.299-319 (Iraq).

36. A. M. Al-Sarmi and Z. A. Al-Hemyari (2013). Validity, feasibility and reliability of performance indicators for quality improvement of HEIs in Oman. Proceedings of the Ireland International Conference in Education, 2013, pp. 1-6 (Dublin, Ireland).

37. Z. A. Al-Hemyari, Obaid M. Al-Saidy and A. R. Al-Ali (2013). On simple estimation technique for the reliability function of exponential failure model. Int. J. of Reliability and Applications, Vol.14, No.1, pp.79-96 (Reliability Association, South Korean).

38. Z. A. Al-Hemyari and A. R. Al-Ali. (2013). Optimized Estimation Techniques in the Weibull lifetime Distribution. Int. J. of Reliability and Safety, Vol.7, No.3, pp.276-292 (Inderscience).

39. A. Ameer A. Al-Ali and Z. A. Al-Hemyari (2013). Preliminary Test Shrinkage Techniques in the Weibull Lifetime Model using Prior Information. Al- Mustansiryah J. of Science, Vol.24, No.2, pp. 133-146 (Iraq).

40. A. M. Al-Sarmi and Z. A. Al-Hemyari (2012). Some statistical indicators for performance improvement of HEIs in Oman. Accepted for presentation and publication in Proceedings of the 2012 International Conference of Computational Statistics and Data Engineering, International Association for Engineers, June 2012(London, UK).
    This paper was selected for the best paper Award competition and for the edited book.

41. Anwer Khurshid, Z. A. Al-Hemyari and Shahid Kamal (2012). On complex random variables, Pakistan J. of Statistics and Operation Research , Vol. 8, No. 3, pp. 645-654 (Pakistan).
    This paper has been cited in journal of Power Source, Vol. 284, Issue 3, pp.566-573, 2015, ELSEVIER.

42. Z. A. Al-Hemyari & J. A. Al-Dolimi (2012). Optimized shrinkage testimator of reliability function in a failure-time model, I. J. of Mathematics in Operational Research (IJMOR), Vol.4, No.6, p.607-621 (Inderscience).

43. Z. A. Al-Hemyari and H. A. Al-Dabag (2012). A class of shrinkage testimators for the shape parameter of the Weibull lifetime model, published in Pakistan J. of Statistics and Operation Research , Vol. VIII, No. 2, pp. 167-184 (Pakistan).

44. Z. A. Al-Hemyari & I. H. Husain (2012). Shrinkage testimators for the Simple Linear Regression Model. I. J. of Information and Decision sciences, Vol. 4, No.1, pp. 87- 103(Inderscience).

45. Z. A. Al-Hemyari & A. Jehel (2011). Pooling shrinkage estimator of reliability for exponential failure model using the sampling plan (n, C, T), published in I. J. of Reliability and Applications, V.12, No.1, pp.61-77 (Reliability Association, South Korean).

46. Z. A. Al-Hemyari , I. H. Husain and A. N. Al-Jebory (2011). A class of efficient and modified testimators for the mean of normal distribution using complete data. I. J. of Data analysis Techniques and Strategies, Vol. 3, No. 4, p. 406-425 (Inderscience) .

47. Z. A. Al-Hemyari. (2010). On Huntsberger type shrinkage estimator for the mean of normal distribution, Malaysian J. of Mathematical Sciences, Vol.4, No.2, pp. 203- 216 (Malaysia).

48. Z. A. Al-Hemyari (2010). A two-stage shrinkage testimator of the mean of exponential distribution. Proceedings of the First International Conference on Mathematics and Statistics, American University of Sharjah, UAE, pp. 1-6 (UAE).

49. Z. A. Al-Hemyari (2010). Some testimators for the scale parameter and reliability function of Weibull lifetime data", Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability, Vol. 224, pp. 197-205 (SAGE, London).

50. Z. A. Al-Hemyari (2009). Awareness based on facts through reinforcing skills of graduates. Proceedings of the Second Forum for Statisticians, Ministry of National Economy, 29-30 Dec. 2009, Muscat, pp. 1-15 (Oman).

51. Z. A. Al-Hemyari (2009). Rreliability function estimator with exponential failure model for engineering data. Proceedings of the 2009 International Conference of Computational Statistics and Data Engineering, IAENG, Vol. II, pp. 1318-1321, 2009 (London, UK).
This paper has been selected and published in J. Lecture Notes in Engineering and Computer Science Publisher: International Association of Engineers, ISSN 2078-0958.

52. Z. A. Al-Hemyari (2009). Some improved two-stage shrinkage testimators for the mean of normal distribution, Statistics and Operation Research Trans. (SORT) Vol.33, No.2, pp. 233-248 (Spain).
This paper is one of the most downloaded papers of this journal.

53. Z. A. Al-Hemyari, A. Kurshid and A. Al-Gebori (2009). On Thompson testimator for the mean of normal distribution. Revista Investigacion Operacionl, Vol.30, No.2, pp.109-116(Uiversidad de La Habana, and Indexed in Elsevier).

54. Z. A. Al-Hemyari (2009). On Stein type two-stage shrinkage testimator. International J. of Modeling and Simulation, Vol.29, No.4, p. 398-404 (Actapress, Canada).
This paper was published online: 15 Jul 2015 by Taylor & Francis.

55. Z. A. Al-Hemyari (2008). A modified two-stage shrinkage testimator for the mean of normal distribution. Proceedings of the Third International Conference in Mathematical Sciences ICM 2008, UAE University, UAE, Vol.1, p. 577-588 (UAE).

56. Z. A. Al-Hemyari and S. M. Rizwan (2007). Reliability Analysis of a Two Unit System. IEEE International Conference on Industrial Engineering Management and Engineering Management (2007). Organized by IEEE Singapore Chapter, pp. 1265-1271 (Singapore).

57. Z. A. Al-Hemyari (2007). Double stage shrunken testimator for reliability function with exponential failure model (part I). Proceedings of the 5th International Conference in Mathematical Methods in Reliability. Strarthclyde University, pp.1-8 (Glasgow, U. K).

58. Z. A. Al-Hemyari & A. K. Jehel (2007). Sometimes-Pool reliability function testimators of exponential distribution using type II censored data. J. College of Education, Al-Mustansiryah University, 2007, Vol.3, pp.20-32 (Iraq).

59. Z. A. Al-Hemyari & A. K. Jehel (2006). Sometimes-Pool reliability function testimators of exponential distribution using type I censored data. J. College of Education, Al-Mustansiryah University, 2006, Vol.4, pp.27-36 (Iraq).

60. Z. A. Al-Hemyari, J.M. Mudhi and A. H. Al-Gebori (2005). Two-stage pooling reliability function pretestimator of exponential distribution. J. College of Education, Al-Mustansiryah University, 2005, Vol.5, pp.238-247(Iraq).

61. Z. A. Al-Hemyari (2005). Database and decision making. Proceedings of Erbid University and Federation of Arab Scientific Research Council Conference, pp.1-10, University of Erbid (Jordan).

62. Z. A. Al-Hemyari & A. H. Al-Gebori (2004). "Bayes –Shrinkage testimators for the mean of a normal distribution". J. College of Education, Al-Mustansiryah University, 2004,Vol.4, pp.25-39 (Iraq).

63. Z.A. Al-Hemyari & J.M. Mudhi (2003). Reliability function two-stage censored samples testimators for the scale Exponential Parameter. Proceedings of Iraqi National Conference of Mathematical Sciences, pp.18-26 (Iraq).

64. Z. A. Al-Hemyari & J. A. Mudhi. (2003). Reliability function pretestimator for exponential distribution using type I and type II Censored samples, J. of Babylon University, Vol.8, No.1, pp. 50-63 (Iraq).

65. Z. A. Al-Hemyari & A. A. Al-Ali & O. Sabri (2003). Modified reliability maintained models. J. of Babylon University, Vol.8, No.3, pp.430-446 (Iraq).

66. Z. A. Al-Hemyari & A. H. Al-Gebori (2003). On Shrinkage estimators for the mean of normal distribution when the variance is unknown, Irq., J.S.S., 2003, No.5, pp.96-114(Iraq).

67. Z. A. Al-Hemyari, A. A. Al-Ali & O.Sabri (2002). On Aggarwal, Chopra and Bajwa method for reliability evaluation of practical systems. J. of Babylon University for pure and applied sciences, Vol.7, No.3, pp.1101-1105(Iraq).

68. Z. A. Al-Hemyari & H. Al-Dabag (2002). Bayes-shrinkage testimators for Weibull distribution. Proceedings of the 6th Conference of Al-Mansour University College, No.4, pp.B6-1-B613 (Iraq).

69. Z. A. Al-Hemyari, A. Al-Kenani & A. G. Al-Rawi (2001). Pooling estimators for simple regression model. J., College of Education, Al-Mustansiryah University, 2001, Vol.1, pp. 273-305(Iraq).

70. Z. A. Al-Hemyari & A. N. Al-Jebori (1999). Modified single stage estimators of normal distribution utilizing initial estimate. J. of ALFATH, Al-Mustansiryah Univ., No.3, pp. 45-57(Iraq).

71. Z. A. Al-Hemyari (1999). "Sometimes-Pool testimators of the mean life for time censored data". 1999, J. of ALFATH, Al-Mustansiryah Univ., No.4, pp. 1-14 (Iraq).

72. Z. A. Al-Hemyari & A. Al-Kenani (1999). On Thompson type estimators for simple linear regression model. J. College of Education, Al-Mustansiryah Univ., 1999, Vol.3, pp. 1- 6 (Iraq).

73. Z. A. Al-Hemyari (1999). Pretest procedure for life testing and reliability evaluation. J. College of Education, Al-Mustansiryah Univ., 1999, Vol. 2, pp. 55-67 (Iraq).

74. Z. A. Al-Hemyari & A.M. Galib (1996). Efficient pooling testimators of the mean life utilizing initial estimate. Proceedings of the 8th Conf. of Iraqi Statist. Assoc., pp.308- 320 (Iraq).

75. Z. A. Al-Hemyari & A. A. Al-Ali (1996). Evaluation of an electricity plant by PERT&CPM. J., College of Education, Al-Mustansiryah Univ., 1996, Vol.1, pp.7-20(Iraq).

76. Z. A. Al-Hemyari (1996). Preliminary test estimator for the mean of normal distribution", J. Ibn Al-Haitham,Vol.7, No.2, pp.15-21(Iraq).

77. Z.A. Al-Hemyari & A.N. Al-Jebori (1995). Pretest estimator of variance of normal distribution. Proceedings, of 7-th, Conf. of Iraqi Statist. Assoc., Baghdad, p. 39-53 (Iraq).

78. Z. A. Al-Hemyari (1994). On Thompson Pretest estimator. Iraqi J. of Mathematics and Physics, 1994, p. 1-7 (Iraq).

79. N. S. Kambo, B. R. Handa & Z. A. Al-Hemyari (1992). On Huntsberger type shrinkage estimator" Commun. Statist. Theory & Meth., Vol.2, No.3, pp. 823-841 (Taylor & Francis, USA).

80. Z. A. Al-Hemyari (1992). Life testing and reliability evaluation using different sampling schemes. J. of Fourth Iraqi Statistical Conference, 1992, pp.111-126 (Iraq).

81. B. R. Handa, N.S. Kambo & Z. A. Al-Hemyari (1991). Double stage Estimator for the exponential mean life in censored samples. Int. J. of Management and Systems. Vol.7, No.3, pp.283-301 (India).

82. N. S. Kambo, B.R. Handa & Z. A. Al-Hemyari (1991). Double stage shrunken Estimator of the mean of a normal distribution. J. of Information & Optimization Sciences, Vol.7, No.3, pp. 1-11 (Taylor & Francis).

83. Z. A. Al-Hemyari (1990). Double stage shrunken estimator for the scale parameter of exponential distribution. J. of Ibn Al-Haitham for pure and applied sciences, 2, 1, p.51-68 (Iraq).

84. Z. A. Al-Hemyari (1990). On double stage estimator. Al-Mustansiryah J. of Science, 1990, Vol.2, pp.27- 40 (Iraq).

85. 77-   Z. A. Al-Hemyari (1990). A two stage estimators for a normal distribution . Proceedings of the 15th International Conference on Statistics, Ain Shams University, Cairo, pp. 139-153 (Egypt).

86. Z. A. Al-Hemyari (1990). Shrunken estimators for the two parameter exponential distribution. Tanmiate Al-Rafidian, the Scientific J. of Al-Mousl Univ., 1990, Vol.29, pp. 37-55 (Iraq).

87. N. S. Kambo, B. R. Handa & Z. A. Al-Hemyari (1990). On shrunken estimator for exponential scale parameter. J. of Statistical Planning and Inference, 24, pp.87- 94 (Elsevier, USA).

88. Z. A. Al-Hemyari (1989). Preliminary test shrunken procedure in life testing and reliability evaluation using different sampling schemes. Proceedings of the Asian Congress in Quality and Reliability, pp. 313-318 (India).

89. N. S. Kambo, B. R. Handa & Z. A. Al-Hemyari (1988). On double stage shrunken estimation for the mean of exponential distribution. IAPQP Trans., Vol.13, pp.19-33 (India).

90. Z. A. Al-Hemyari (1985). Double stage estimation in two way analysis of variance model. Iraqi Economist J., Vol.1, No.26, pp.135-150 (Iraq).

91. Z. A. Al-Hemyari (1983). On shrinkage estimation for the variance matrix. Tanmiate Al-Rafidian, the Scientific J. of Al-Mosul Univ., 1983, Vol.11, pp.328-346 (Iraq).

92. Z. A. Al-Hemyari & H.A. Al-Bayyati (1981). On double stage estimation for the multiple linear regression model. Zanco, the Scientific J. of Salahuddin Univ., Vol.4, p.134- 156 (Iraq).

93. Z. A. Al-Hemyari & H. A. Al-Bayyati (1979). On double stage estimation for the mean vector using prior information. Al- Mustansiryah J. of Science, 1979, Vol. 5, pp.53- 67(Iraq).

ii) M.Sc. DISSERTATION AND Ph.D. THESIS GUIDED:

The following twenty five M. Sc. dissertations, and Ph.D. thesis were completed under my supervision:

1.   "Unbalanced Transportation Problems with Application" (M. Sc.), Salahuddin University, (Ahmed A. Rahman), 1990.

2.   "On Pretest Shrinkage Estimators for Normal Distribution", (M.Sc.), Baghdad University, (Abas Najim Salman), 1994.

3. "Some Useful Two Stage Estimators in Reliability Theory", (M.Sc.), Baghdad University,   (Ahmed M. Galib), 1996.

4. "Some Reliability Systems Subject to Corrective Maintenance", (M. Sc.), Baghdad   University, (Auday Sabry), 1997 (Joint supervision).

5. "Single and Double Stage Shrunken Estimators of Linear Regression Model", (Ph.D.), Al-Mustansiryah Univ., (Aiden Al-Kenany), 1997.

6.   "Bayes – Shrinkage Estimators of Weibull Distribution", (M. Sc.), Baghdad University, (Haider Jabar), 1997.

7.   "Study and analyzed the pollution of Tiger River" , (Ph.D.), Baghdad University, (Yashar Abdulla), 1998 (Joint supervision).

8.   "Pretest Estimator and Reliability Evaluation for Weibull Distribution", (M.Sc.), Baghdad University, (Adra Al-Ali), 1999.

9. "Bayes – Shrinkage Estimators for the Mean of Normal Distribution", (M.Sc.), Baghdad University, (Ali Habib), 1999.

10. "Reliability Function Testimators for Exponential Distribution ", (M.Sc), Baghdad University, (Jabar Mudhi), 1999.

11. "Two stage pooling Testimators for Reliability Function of Exponential Distribution using type I&II Censored samples", (M.Sc.), Baghdad University, (Alla Khlaaf), 2004.

12. "Evaluation of statistical decision support systems" (Ph.D.), Baghdad University, (Salim Shaker), 2005.

Co-supervisor of the following M. Sc. Dissertations (in Arabic Language), Department of Social studies, College of Sciences and Arts, University of Nizwa:

13 ." المشكلات الادارية التى تواجه مديرى المدارس الحكومية فى سلطنة عمان" الطالب: فهد الوهيبى (2008- 2009).

14." فاعلية برنامج ارشاد جمعى فى خفض سلوك العنف لدى الاحداث الجانحين فى سلطنة عمان" الطالب: سعيد المقبالى (2008 -2009).

15 ."علاقة الميول المهنية بالاتجاه نحو الدراسة لدى طالبات الصف العاشر بسلطنة عمان" الطالبة:فاطمة الشعيلى (2008 -2009)

16 ." فاعلية برنامج ارشادى فى خفض سلوك التمرد السلبى لدى المراهقين ..." الطالبة: بدرية الرواحى (2008- 2009)

17." فاعلية برنامج ارشاد جمعى فى خفض الاكتئاب العصبى لدى عينة من المراهقين" الطالبة: عزيز الندابى (2008- 2009).

18 ." علاقة اتخاذ القرار المهنى بالنضج المهنى لدى الطالبات بسلطنة عمان" الطالبة: كفالة العميرى (2008- 2009)

19 ." فاعلية برنامج ارشاد جمعى لخفض الافكار اللاعقلانية لدى المعلمين العمانين من الجنسين" الطالبة فاطمة العبيدانى (2008 -2009).

20. " برنامج ارشادى لخفض الضغوط النفسية لامهات المعاقين عقليا" الطالبة وفاء العريمى (2008- 2010).

21." فاعلية برنامج ارشاد جمعى فى تنمية المهارات الاجتماعية لطلاب التعليم الاساسى بالمنطقة الداخلية " الطالب   سليمان المياحى   (2009-2010) .

22." فاعلية برنامج ارشادى جمعى فى تنمية مفهوم الذات لدى طلبة الرستاق" الطالبة عائشة الوهيبى((2008 –2009)

23. " دور مدير المدرسة فى النمو المهنى للمعلمين من وجهة نظر المعلمين" الطالب سليمان بن محمدة الصبارى (2008 – 2009).

24 ."بعض العوامل المسهمة فى جنوح الاحداث كما يدركها الجانحون والعاملون معهم فى دولة الامارات العربية المتحدة الطالب سيف بن محمد النقبى (2009- 2010).

25. "برنامج تدريبى على بعض مهارات الارشاد النفسى والتربوى لمعلمى التعليم الاساسى بمحافظة مسقط " الطالبة محفوظة بنت راشد المشيقرية   (2008- 2010).

iii) Unpublished textbooks:
The following unpublished textbooks have been completed:

1. Z. A. Al-Hemyari (2006). Introduction to Statistics, University of Nizwa (Published through the researchgate).

2. Z. A. Al-Hemyari (2007). Principles of Probability, University of Nizwa (Published through the researchgate).

3. Z. A. Al-Hemyari (2007). Optimization Techniques, University of Nizwa.
4. Z. A. Al-Hemyari (2008). Information Theory, University of Nizwa.
5. Z. A. Al-Hemyari (2008). Statistics for Social Sciences, University of Nizwa.

iv) Limitedly published reports/projects:
1. The Performance Indicators Manual-Second application (74 pages), 2016,
https://www.mohe.gov.om/userupload/PDFs/76.pdf
2. The Bases and Resources of Performance Indicators -Second application (20 pages), 2016,
https://www.mohe.gov.om/userupload/PDFs/1616.pdf
3. Ranking indicators Project for HEIs (40 pages), 2016.
4. Summary of Ranking indicators Project for HEIs (14 pages), 2016,
5. Performance Indicators Project for Private HEIs "Framework, concepts and procedures" (310 pages),
6. Performance Indicators Project for Private HEIs " The final results, conclusions and recommendations" (150 pages),
https://www.mohe.gov.om/userupload/PDFs/1515.pdf
7. Performance Indicators Project for Private HEIs " Some Statistical Tests and Measures-Supporting document" (350 pages),
8. Summary of the final practical results and conclusions of the Graduate Survey Project for the Colleges of Applied Sciences, 2014 (40 pages),
9. A Glance of Performance Indicators Project for Private HEIs of the MoHE, submitted to a Workshop, sponsored by the Education Council of Oman, Oct. 2014, Muscat, Oman (10 pages).
10. Education beyond 2015: Goals, objectives and indicators based on Post-2015 education agenda (22 pages).
11. Performance Indicators Project for Colleges of Applied Sciences "Summary of the proposal, steps and policies" (29 pages).
12. Performance Indicators for Applied Colleges of Science Project "Summary of the final results" (25 pages),
13. Performance Indicators for Private Higher Education Institutions. Numerical results, Benchmarks and Conclusions (2013),
14. One of the new and distinguished practices of the Ministries of Higher Education at Gulf Cooperative Council: Performance Indicator, 2013 (15 pages),
15. Health Dimension of the Strategy of the Ministry of Higher Education , Ministry of Health, Oman, Muscat, 2012, p.1-25,
16. Performance Indicators for Higher Education Institutions: Framework, concepts and procedures, Ministry of Higher Education, Oman, 2012 (250 pages).
17. Performance Indicators for Private Higher Education Institutions, Ministry of Higher Education, Oman, 2011 (distributed only to private HEIs) (10 pages),
18. Performance Indicators Project for Private HEIs "The final results, conclusions and recommendations" (135 page).
19. The results of the Performance Indicators Project for Private HEIs (3 pages for each HEIs),
20. Performance Indicators Project for Private HEIs "Some Statistical Tests and Measures-Supporting document" (350 pages).
21. Designing and analysis of students (post-graduate) satisfaction survey of University of Nizwa, 2010.
22. Designing and analysis of students (under-graduate) satisfaction survey of University of Nizwa, 2010.

23.   Designing and analysis (under-graduate) of academic advising survey of University of Nizwa, 2010.

v) RESEARCH FUNDING HELD
Principal Investigator and Scientific Advisor of the following funded projects by the Ministry of Higher Education, Sultanate of Oman:
•   Performance Indicators for assessing the performance of Higher Education Institutions: methodology, procedure and framework of refining goals and objectives of HEIs and setting performance indicators, MoHE (2011-2012).
•   Designing and studying students/graduates/academic staff satisfaction, engagement and participation surveys (both in Arabic and English), MoHE (2012-2013).
•   Performance Indicators Project (first application) for assessing the performance of Higher Education, the MoHE (2013-2015).
•   Performance Indicators (second application) for assessing the performance of Higher Education Institutions, the MoHE (2015-2017).
•   Al-Farahidi Performative Model to Assess and reinforce the Performance of Institutions, the MoHE (2016-2017).
•   Ranking Indicators of Higher Education Institutions (2016-2017), the MoHE.

Faculty Administrative Experience

University of Nizwa (June 2019) Oman:
 Full Professor of Statistical Inference, Department of Mathematical and Physical Sciences College of Sciences and Arts, University of Nizwa.
Accomplishments:
•   Expert of Statistical analyses and Data Management, Chancellor's Office, UoN.
•   Taught many undergraduate courses in the DMPS and postgraduate courses in the College of Arts and Science (Please refer to attached courses).
•   Published many research papers.
•   Participated in several committees of the UoN.
•   Chaired the Committee of research and undergraduate studies, Department of Mathematical and Physical Sciences.
•   Conducted academic advising.

Ministry of Higher Education, Oman:
Full Professor of Statistics and expert of research and studies, Office of the Undersecretary, since June 2011.
Core Duties and Responsibilities:

•   Submitted recommendations to H.E. the Minister of Higher Education and H.E. the Undersecretary regarding the regular activities related to HEIs.
•   Studied and submitted recommendations to H.E. the Minister of Higher Education and H.E. the Undersecretary regarding the emerging issues related to higher education.
•   Principal Investigator and Scientific Advisor of several funded projects by the Ministry of Higher Education, Sultanate of Oman.
•   Reviewed projects to be implemented by the Ministry of Higher Education and submitted opinion reports.
•   Reviewed the draft reports and publications of the Ministry of Higher Education.

• Member of 15 committees of the Ministry of Higher Education.

Details of some other Duties and Responsibilities:

a. Principal Investigator and Scientific Advisor of the following funded projects by the Ministry of Higher Education, Sultanate of Oman:

i. Performance Indicators for assessing the performance of Higher Education Institutions: methodology, procedure and framework of refining goals and objectives of HEIs and setting performance indicators;

ii. Designing students/graduates/academic staff satisfaction, engagement and participation surveys (both in Arabic and English);

 iii. Performance Indicators for assessing the performance of Colleges of Applied Sciences;

iv. Al-Farahidi Performative Model to Assess and reinforce the Performance of Institutions and v. Ranking Indicators of private Higher Education Institutions and

vi. Ranking Indicators of Colleges of Applied Sciences.

b. Executive Supervisor of the following projects:

• Analyzing the activity, assessing, evaluating and ranking the performance of Private Higher Education Institutions (PHEIs) (40 colleges).

• Analyzing the activity, assessing and evaluating the performance of CASs (six Colleges of Applied Sciences).

c. Publishing Research Papers: Published/submitted eighteen papers to different international journals and conferences based on the performance/ranking/skills indicators projects.

d. Achieved the following reports/studies:

1. The Health Dimension in the Strategic Plan of MoHE (26 pages),

2. Ranking of the private HEIs in Oman (10 pages),

3. Estimating the needs of teachers of the Ministry of Education (10 pages).

4. The Criteria of selection the post-graduate candidates from the employees of the MoHE (5 pages).

5. The Performance Indicators for Private HEIs - first application: Ministry Feedback Pertaining the goals, objectives and performance indicators list (27 pages).

6. The Performance Indicators Project for Private HEIs - first application: Ministry Feedback Pertaining the weights of goals, objectives and performance indicators list (12 pages).

7. The Pilot study of the Performance Indicators Project for Private HEIs - first application (20 pages).

8. The first report of the implementation of the performance indicators project (8 pages).

9. The second report of the implementation of the performance indicators project (6 pages).

10. The third report of the implementation of the performance indicators project (11 pages).

11. Performance Indicators Project for Private HEIs "Framework, concepts and procedures" (310 pages),

12. One of the distinguished practices in Oman "Performance Indicators Project" (General Secretary of CGC),

13. Performance Indicators Project for Private HEIs "The final results, conclusions and recommendations" (150 pages),

14. Performance Indicators Project for Private HEIs "Some Statistical Tests and Measures- Supporting document" (350 pages),

15. Performance Indicators for Private HEIs Project "Summary of the final results" (25 pages),

16. The final statistical analyses results of the Graduate Survey Project for the Colleges of Applied Sciences (483 pages),

17. Summary of the final practical results and conclusions of the Graduate Survey Project for the Colleges of Applied Sciences (40 pages),

18. Defining and setting the proposed performance indicators in statistical system (80 Indicators).

19. A Glance of Performance Indicators Project for Private HEIs submitted to the Education Workshop, sponsored by the Education Council of Oman, Oct. 2014, Muscat, Oman (10 pages),

20. Education beyond 2015: Goals, objectives and indicators based on Post-2015 education agenda (22 pages),

21. Performance Indicators Project for Colleges of Applied Sciences "Summary of the final results", the MoHE (25 pages),

22. The proposal "the Ranking indicators Project for HEIs" , the MoHE (directed to the Education Council, the Ministry of Health, the Ministry of man power, …(47 pages),

23. Summary of Ranking indicators Project for HEIs (14 pages),

24. Utilizing the final results of the overall performance of 28 HEIs in distributing the scholarships based on data of performance indicators project and 16 PIs (28 pages).

25. The Sustainability of Private Higher Education Institutions of Oman/1 (Research Council) (6 pages).

26. The Sustainability of Private Higher Education Institutions of Oman/2 (Research Council) (3 pages).

27. Proposed Indicators for the project "The Sustainability of Private Higher Education Institutions of Oman" (Research Council) (4 pages).

28. The Bases and Resources of Performance Indicators -Second application (20 pages),

29. The Performance Indicators-second application: Ministry Feedback Pertaining the Notes and Indicators, the MoHE (22 pages),

30. The Performance Indicators Manual: Definitions/ Clarifications/ Calculations/ Examples/ Remarks, the MoHE (74 pages),

31. The Performance Indicators-second application: Ministry Feedback Pertaining the Performance Indicators Manual, the MoHE (15 pages),

32. "Statistical Indicators are Elegant and Robust Measures to Assess the Quality of HEIs" (Keynote Talk of His Excellency of OQNHE Conference 2017 (22 pages),

33. The results and conclusions of ranking 24 HEIs based on data of Statistical System (2015-16) and 23 PIs , the MoHE (48 pages),

34. Summary of the results and conclusions of ranking 24 HEIs based on data of Statistical System (2015-16) and 23 PIs, the MoHE (4 pages),

35. Summary of the overall results of 29 HEIs for 34 PIs based on the data of Statistical System (2015-16) and self-reported data, data editing and the methodology of performance indicators project (submitted to Education Council) (3 pages),

36. Summary of the results and conclusions of ranking 29 private HEIs based on the data of Statistical System and self-reported data (2015-16), data editing, the methodology of performance indicators project and 34 PIs , the MoHE (10 pages),

37. Summary of the results and conclusions of ranking 6 HEIs (Applied colleges) based on the data of Statistical System and self-reported data (34/55 indicators) for the years (2014-15) and (2015-16) , the MoHE (16 pages),

38. The Methodology of the project "Students' Academic Achievement/performance of low students of HEIs" (4 pages),

39. The Framework of implementing the Ranking Project in all HEIs (Decree No. 5/3/2017 of the Education Council) , the MoHE (12 pages),

40.   Remarks on the report "the classification of Private Schools", Ministry of Education (4 pages).

41.   Some of my achievements in the MoHE, the MoHE (2011- up to date) (11 pages),

42.   The reality of the similarity/dissimilarity between the institutional and program accreditation processes (standards) on the one hand, and the Rankings (national and international) of HEIs on the other, the MoHE (46 pages),

43.   The report "The role of Higher Education in reinforcing the Intellectual Capital" , Submitted to the State Council (18 pages),

44.   The opinion of Sultan Qaboos University regarding the Ranking project (18 pages),

45.   The proposal "Aligning the graduates with the market needs ", the MoHE (joint report) (35 pages),

46.   The Executive Summary of the Project "Aligning the graduates with the market needs ", the MoHE (9 pages),

47.   The Report "the research according to the perspective of higher education: the importance, roles, impacts and challenges", His Excellency the Undersecretary, MoHE (75pages).

48.   The Research Priorities of the Research Council, the Research Council (8 pages),

49.   The Projects of Performance Indicators and Ranking of Colleges of Applied Sciences: Summary and Comparisons, the Directorate of Colleges of Applied Sciences (110 pages).

50.   The benefits of ranking project in HEIs, Implementation Support Team, Al Dewan (6 pages),

51.   The benefits of the projects of Performance Indicators (PIs) and Ranking Indicators (RIs) in the process of academic accreditation. The Directorate of Colleges of Applied Sciences (32 pages),

52.   The national averages of the results of performance indicators projects and ranking, the Directorate of Colleges of Applied Sciences (18 pages),

53.   Proposed goals and projects for all the dimensions of 5-year Strategic Plan (2021-2025) (20 pages), and

54.   Proposed objectives and 321 indicators (60 pages) and tools of measurements for all the dimensions of 5-year Strategic Plan (2021-2025) (300 pages).

e. Submitted Proposals for the following Projects:

•   How to rank/rate the private HEIs in Oman (Private Universities and Colleges and Colleges of Applied Sciences) (47 pages),

•   Measuring and Enhancing Students' Skills of Higher Education (15 pages),

•   How to measure the Performance of Human Recourses (10 pages),

•   The project "Concept note on the Post-2015: Goals, objectives and indicators (25 pages), and

•   The National Initiative of Excellence for Government and Private Institutions using EFQM Model (10 pages).

Remark: I Taught many undergraduate courses in the DMPS/University of Nizwa and postgraduate courses in the College of Arts and Science (Part-time from 2012-2014).

 f. Reviewed the following proposals/projects/papers/reports:

1.   The prize of His Majesty Sultan Qaboos Prize for Human   Recourses, and proposed very important principles, requirements and polices,

2.   Development of Observer on Education, Vocational Training and Employment of Oman (The World Bank),

3.   National Ranking of Oman Universities and Colleges- A concept Note,

4.   The proposal "How to develop the Statistical System of the MoHE",

5.   The proposal "The Rules of the National Defense College" (20 pages),

6.   The report "Analysis of Teacher Education Context, Structure and Quality Assurance

7.   Strategic Issues, Mission and Vision for the Colleges of Applied Sciences,

8.   The report of the workshop of the Statistical System of the MoHE (9 pages),

9.   Improving Labor Market Outcomes for Omani Nationals (The World Bank),

10.   A unified approach for effect size of T-test,

11.   The report "Information and Indicators of academic and non-academic staff of HEIs", Admission Center, MoHE (26 Pages),

12.   "Draft Research Plan for the University of Oman in conjunction with the S&T City and the Medical City"(30 pages),

13.   The proposal "the National Prize of Academic Excellence" (12 pages),

14.   The proposal "Some important activities for Oman HEIs" submitted by the Pro Company, Amman, Jordon (25 pages),

15.   Institutional Standards Review Project of OAAA, the OAAA (30 pages).

16.   Concept note on the Post-2015 education agenda, UNESCO (11 pages).

17.   Report on the World Education Forum 2015, the Ministry of Education (10 pages).

18.   The World Education Forum 2015, UNESCO, 70 pages.

19.   The Report "the Omani graduates from the Gulf Cooperation Council (GCC)" (5 pages),

20.   The International University Marketing Excellence, Toolkit 2014 (20 pages),

21.   The Strategic Plan-Phase II (2015-2019) of Colleges of Applied Sciences (in English), the MoHE (27 pages),

22.   The Strategic Plan-Phase II (2015-2019) of Colleges of Applied Sciences (in Arabic), the MoHE (16 pages),

23.   The Policies of Strategic Plan-Phase II (2015-2019) of Colleges of Applied Sciences (in Arabic), the MoHE (60 pages),

24.   Reviewed and proposed dimensions and indicators of "the Oman 5-year Economic Plan", the Planning Council (70 pages),

25.   The Policy of using the data of graduate survey (6 pages).

26.   Reviewed all the dimensions of 5-year Strategic Plan (2011-2016) of MoHE (more than 500 pages).

27.   Proposed goals and indicators and tools of measurements for all the dimensions of 5-year Strategic Plan (2011-2016) (5 pages),

28.   Some of distinguished practices/proposals in Oman (League of Arab States) (3 pages),

29.   The proposal "the Faculty Participation in Scientific Conferences Policy at the UoB", University of Burami (8 pages),

30.   Reviewed, discussed and modified all the dimensions of 5-year Operational Plan of MoHE (2011-2016) (60 pages),

31.   Evaluating the International Journal of Applied Sciences and Management (IJASM), Waljat College of Applied Sciences,

32.   Evaluating the electronic Journal of Waljat College of Applied Sciences,

33.   Proposed goals and indicators and tools of measurements for all the dimensions of 5-year Strategic Plan (2016-2020) (63 pages),

34.   Reviewed the research and consultancy policies of International Maritime College Oman (10 pages),

35.   The report "the survey of Spending on Education", GCC, Statistical Center (8 pages),

36.   Some of the important issues/proposals for International Cooperation (General Secretary of CGC) (5 pages),

37.   The first draft of the sustainability project of Private Higher Education Institutions of Oman (the Research Council) (10 pages),

38.   The Comprehensive Economic Development Strategy & Master Plan for Musandam Governorate 2040 (301 pages),

39.   The report "Omanization and Academic Capacity Building of HEIs", the MoHE (26 pages),
40.   "Employers survey", Directorate of Graduate survey, MoHE (68 pages),
41.   The second draft of the sustainability project of Private Higher Education Institutions of Oman (the Research Council) (18 pages),
42.   مراجعة مسودة ميثاق خدمة المتعاملين، وزارة التعليم العالي وإعطاء بعض الاقتراحات.
43.   The Proposal "the Collegiate Learning Assessment-CAE" , Ph.D. research proposal of Mr. Tawfiq Al-Gelani, Ph.D. Research scholar at Australia (25 pages),
44.   The Private Higher Education Institutions Feedback Pertaining the Proposal of the Performance Indicators-second application (28 pages).
45.   The third draft of the sustainability project of Private Higher Education Institutions of Oman (the Research Council) (59 pages),
46.   The Strategic research proposals of Sultan Qaboos University, the MoHE (30 pages),
47.   The report " Dropout/attrition of students in Higher Education Institutions of Oman", Office of the Minister (143 pages),
48.   The report "A study about Academic Performance" (18 pages),
49.   The Proposals of the Strategic Research of Sultan Qaboos University (three research proposals) (37 pages),
50.   The report "Four Scenarios of the sustainability of the Private HEIs", the Research Council. Six recommendations were proposed (10 pages),
51.   Vacant seats of engineering departments in HEIs, Admission Center, MoHE (55 pages),
52.   Students' Academic Achievement/performance of low students of HEIs, MoHE (18 pages),
53.   The report "Intellectual Development of Oman", the Planning Council. Several remarks and recommendations were given (284 pages),
54.   The report "The graduates' survey, 2015", the MoHE (90 pages),
55.   The report "The indicators of higher education: national and international comparisons", Admission Center, the MoHE, (43 pages),
56.   "The Higher Education Indicators Manual", Admission Center (8 pages),
57.   "The annual report of Consulate General of The Sultanate of Oman, Australia" (9 pages),
58.   "The annual report of the Consulate of The Sultanate of Oman, Jordon" (3 pages),
59.   The study "The classification of Private Schools", the Ministry of Education (214 pages),
60.   The methodology of research studies of the Admission Center, Admission Center, the MoHE (6 pages),
61.   مراجعة راجعة مذكرة التفاهم المعنية بالحزام الاقتصادي وطريق الحرير مع الصين وإعطاء بعض المقترحات المهمة.
62.   مراجعة مقترح تكريم الموظفين المتميزين والمتقاعدين، وزارة التعليم العالي وإعطاء بعض المقترحات.
63.   The report "Oman 2040 Themes: Strategic Goals and Indicators", Oman 2040 Committees (18 pages),
64.   The final report of "the Committee of reviewing and aligning the recommendations of HE strategy" (33 pages),
65.   The report "Intellectual Development of Oman"(second version), the Planning Council (169 pages). Several remarks and recommendations were given (3 pages),
66.   The study "Educational status of Students with disabilities", the Educational Council (20 pages),
67.   Reviewed all the dimensions of 5-year Strategic Plan (2021-2025) of MoHE (11 pages) and
68.   Reviewed the International Student Survey and the role of HEIs in attracting international student, MoHE (20 pages).

University of Nizwa (Oct.2005-2011) Oman:

Full Professor of Statistical Inference, Department of Mathematical and Physical Sciences College of Sciences and Arts, University of Nizwa.

Accomplishments:

• Planned and coordinated the preparation and publication of required accreditation documents,

• Supervised the running of the Department of Mathematics and proposed ways of enhancing its performance.

• Prepared Vision, Mission, Objectives, and Key Performance Indicators (KPIs) for the department as required by Oman Accreditation Council.

• Proposed Degree Programs, initiated and established the design of BSc and Diploma in Statistics Program.

• Prepared recruitment plans, appointed members for Search Committee, established recruitment procedure, recruited new faculty for the department.

• Conducted meetings, seminars and workshops for the department/college/university staff.

• Taught many undergraduate courses in the DMPS and postgraduate courses in the College of Arts and Science (Please refer to attached courses).

• Published many research papers.

• Participated at national and international Conferences.

• Supervised students at MSc. Program.

• Designed syllabi, teaching & assessment plans, and learning materials.

• Coordinated supervision of final year students' research projects.

• Participated in the preparation of the College of Arts and Sciences vision, mission and goals in accordance with the University requirements regarding teaching, research, and community service.

• Followed up implementation of department board decisions.

• Submitted recommendations regarding projects, consultancies, and staff contribution to community service.

• Conducted academic advising.

• Prepared department/section annual reports and submitted to the Dean; approved final exam grades.

• Head of Statistics section.

• Acted as Head of the Department of MPSD.

• Recruited Professors, Assoc. Professors, Assist. Professors, and lecturers.

Designation and Committees:

Full Professor, Dept. of Mathematical and Physical Sciences, College of Sciences and Arts, University of Nizwa, Oct. 2005- Oct. 2011.

Acting Head, Dept. of Mathematical and Physical Sciences, College of Sciences and Arts, University of Nizwa, Dec. 2010- Fab. 2011.

Acting Head, Dept. of Mathematical and Physical Sciences, College of Sciences and Arts, University of Nizwa, June 2010- Sep. 2010.

Acting Head, Dept. of Mathematical and Physical Sciences, College of Sciences and Arts, University of Nizwa, June.2009- Sep. 2009.

Head of Statistics Section, College of Sciences and Arts, University of Nizwa, from Oct. 2005 to Oct. 2011.

Acting Head, Dept. of Mathematical and Physical Sciences, College of Sciences and Arts, University of Nizwa, Oct. 2005- Oct. 2006.

Member, College Board, College of Sciences and Arts, University of Nizwa, from Oct. 2005 – Oct. 2011.

Member, Department Board, DMPS, College of Sciences and Arts, University of Nizwa, from Oct. 2006 - Oct. 2011.
Member, Recruitment Committee, DMPS, College of Sciences and Arts, University of Nizwa, Since Oct. 2006 –Oct. 2011.
Chairman, Open Day Committee, College of Sciences and Arts, University of Nizwa.
Member, College Quality Audit Committee, College of Sciences and Arts, University of Nizwa, 2008-2009.
Chairman, Scientific Activity Committee, College of Sciences and Arts, University of Nizwa, from Oct. 2005- 2011.
Chairman, Statistics Activity Committee, College of Sciences and Arts, University of Nizwa,   from Oct. 2005- 2011.
Chairman, Census Goodwill Ambassador Committee at University of Nizwa, College of Sciences
 and Arts, University of Nizwa (2010).

Baghdad University, (Nov.1990- Oct.2007) Iraq:
 Full Professor of Statistical Inference, Department of Mathematics, College of Ibn Al Haithm, University of Baghdad.
 Accomplishments:
•   Supervised the running of the Department of Mathematics and proposed ways of enhancing its performance.
•   Revised Degree Programs, of M.Sc. and B.Sc. in Mathematics.
•   Prepared recruitment plans, appointed members for the Research Committee, established recruitment procedure, recruited new faculty for the department.
•   Conducted meetings, seminars and workshops for the department staff.
•   Taught many courses at undergraduate and graduate levels in the Department of Mathematics and other departments (Please refer to attached courses).
•   Taught many courses at graduate levels in the other Colleges of Baghdad and Al-Mustansiriyah Universities (see attached Table).
•   Published many research papers.
•   Supervised students at MSc. Program.
•   Participated at national and international Conferences.
•   Designed syllabi, teaching & assessment plans, and learning materials.
•   Coordinated supervision of final year students' research projects.
•   Followed up implementation of department board decisions.
•   Submitted recommendations regarding projects, consultancies, and staff contribution to community service.
•   Conducted academic advising.
•   Prepared department/section annual reports and submitted to the Dean; approved final exam grades.
•   Head of the Department of Mathematics.
•   Recruited Professors, Assoc. Professors, Assist. Professors, and lecturers.

Designation and Committees:
Full Professor, Mathematics Department, College of Ibn Al-Haithm, Baghdad University, from Jun.
   2005- Oct. 2007.
Full Professor, Mathematics Department, College of Ibn Al-Haithm, Baghdad University, from Oct.
   1999- Oct. 2001.

Assistant Professor, Mathematics Department, College of Ibn Al-Haithm,   Baghdad University, July 1991 – Jun. 1999.

Head, Mathematics Department, College of Ibn Al-Haithm, Baghdad University, May 1995 – Sep. 1997.

Member, College Board, College of Ibn Al-Haithm, July 1991 – Jun. 1999.

Chairman, Continuing Education   Committee, College of Ibn Al-Haithm, Oct. 1992 – Sep. 1999.

Chairman, Students Activities Committee, Department of Mathematics College of Ibn Al-Haithm, Oct. 1995 – Sep. 1998

Chairman, Examination Committee, Department of Mathematics College of   Ibn Al- Haithm, Oct. 1993 – Sep. 1997.

Chairman, Departmental Board, Department of Mathematics College of Ibn Al-Haithm, Oct. 1993 – Sep. 1997.

Member, Scientific Promotion Committee, College of Ibn Al-Haithm, Sep. 1994-Sep.1999.

Member, Graduate Studies Committee, College of Ibn Al-Haithm, Sep. 1994- Sep. 1999.

Member, Research Work Committee, College of Ibn Al-Haithm, Sep. 1993 – Sep. 1999.

Member, Examination Committee, Department of Mathematics, College of Ibn Al-Haithm, Oct. 1991– Sep. 1993.

Member, Departmental Board, Department of Mathematics, College, of Ibn Al-Haithm, Oct. 1991– Sep. 1993.

Member, Timetable Committee, Department of Mathematics, College of Ibn Al-Haithm, Oct. 1991– Sep. 1993.

Lecturer, Mathematics Department, College of Ibn Al-Haithm, Nov. 1990 – July 1991.

Al-Mansour University College,(Oct.2001-Oct. 2005) Baghdad, Iraq:

Full Professor of Statistical Inference, Al-Mansour University College, Baghdad (Part time).

Accomplishments:

•   Supervised the running of the Department of Computers/ Information Systems and Computers and proposed ways of enhancing its performance.

•   Revised Degree Programs, of B.Sc. in Computers/ Information Systems and Computers.

•   Prepared recruitment plans, appointed members for Search Committee, established recruitment procedure, recruited new faculty for the department.

•   Conducted meetings, seminars and workshops for the college staff.

•   Taught many courses in the Departments of Computers and Information Systems and Computers and post graduate courses in other colleges (see attached Table).

•   Published many research papers.

•   Participated at national and international conferences.

•   Designed syllabi, teaching & assessment plans, and learning materials.

•   Coordinated supervision of final year students' research projects.

•   Followed up implementation of department board decisions.

•   Submitted recommendations regarding projects, consultancies, and staff contribution to community service.

•   Conducted academic advising.

•   Prepared department/section annual reports and submitted them to the Dean; approved final exam grades.

•   Head of the Department of Computers from 2001-2003 and Head of Information Systems and Computers from 2003-2005.

•   Recruited Professors, Assoc. Professors, Assist. Professors, and lecturers.

Designation and Committees:

Full Professor & Head, Dept. of Computer Science, Al-Mansour University College, Baghdad, Dec. 2003-Oct. 2005.

Member, College Board, Al-Mansour University College, Oct. 2001- Oct. 2005.

Chairman, Examination Committee, Department of Computer Science, Al-Mansour University College, Dec. 2003-Oct.2005.

Full Professor & Head, Dept. of Information Technology & Computers (IT&C), Al-Mansour University College, Baghdad, Sep. 2001-Dec. 2003.

Chairman, Examination Committee, Department of IT&C, Al- Mansour University College, Oct. 2001- Dec. 2003.

Chairman, Students Activities Committee Department of IT&C, Al- Mansour University College, Oct. 2001- Dec. 2003.

Member, International Advisory Committee. Annual Conferences of Al-Mansour University College, Baghdad (2001, 2002).

Member, Editorial Committee of Al- Mansour Scientific Journal, Oct. 2001- Oct. 2005.

Sabha University, (Sep. 1999 – Sep. 2001) Libya:

Associate Professor, Mathematics and Statistics Department, Faculty of Science, Sebha University

Accomplishments:

• Taught many courses in the Departments of Statistics and Mathematics, College of Science (Please refer to attached courses).

• Published many research papers.

• Participated in several committees of the College/University.

• Coordinated supervision of final year students' research projects.

Designation and Committees:

Associate Professor, Mathematics and Statistics Department, Faculty of Science, Sebha University, Libya, Sep. 1999 – Sep. 2001.

Member, Department Board, Mathematics and Statistics Department, Faculty of Science, Sabha University, Libya, Sep. 1999 – Sep. 2001.

Salahuddin University, Nov. 1978 – Nov. 1990) Iraq:

Accomplishments:

• Taught many courses at undergraduate and graduate levels in the Department of Statistics and other departments (Please refer to attached courses).

• Published many research papers.

• Participated at national and international Conferences.

• Designed syllabi, teaching & assessment plans, and learning materials.

• Coordinated supervision of final year students' research projects.

• Followed up implementation of department board decisions.

• Submitted recommendations regarding projects, consultancies, and staff contribution to community service.

• Conducted academic advising

Designation and Committees:

Lecturer, Statistics Department, College of Administration, Salahuddin University, June 1985 – Nov. 1990.

Lecturer, Statistics Department, College of Administration, Salahuddin University, June 1985 – Nov. 1990.

Chairman, Research Work Committee, College of Administration, Salahuddin University, Nov. 1989 – Nov. 1990.
Chairman, Continuing Education   Committee, College of Administration, Salahuddin   University, Nov. 1989 – Nov. 1990.
Assistant Lecturer, Statistics Department, College of Administration, Salahuddin University, Nov. 1978 – June 1985.
Member, Examination Committee, College of Administration, Nov. 1978 – Nov. 1984.

COURSE DEVELOPMENT ACTIVITIES:
1. I was responsible for the development and implementation of the curriculum of the Mathematics   program (B.Sc.), 1995-1997.
2. I was responsible for the development and implementation of the curriculum of the Mathematics program (M.Sc.), 1995-1997.
3. I was responsible for the development and implementation curriculum of Information Systems program (B.Sc.), 2001-2003, Al-Mansour University College, Baghdad, Iraq.
4. I was responsible for the development and implementation curriculum of Computer Science programs (B.Sc.), 2003-2005, Al-Mansour University College, Baghdad, Iraq.
5. While I was head of the Mathematical and Physical Sciences Department, we submitted the first revision of the curriculum for all sections within the department (Mathematics, Statistics, Physics, and Computer), 2005-2006, University of Nizwa, Sultanate of Oman.
6. I was particularly involved in introducing new courses in statistics and preparing a new statistics curriculum and new degree plans (B.Sc. and Diploma), 2006-2010, University of Nizwa, Sultanate of Oman.
7. I proposed four minor programs in Statistics (for students in Mathematical Sciences, Business and Economics, Biological Sciences and in Education), University of Nizwa, 2008-2011.

WORKSHOP ATTENDED:
1.   "Critical Thinking", University of Nizwa, Oman, 23rd Feb., 2009.
2.   "Towards Excellence in Teaching", University of Nizwa, Oman, 30-31, March, 2010.
3.   "Workshop of Academics and Official Statistics", the Ministry of National Economy, Muscat, Oman, May, 2010.
4.   "Global Trends, National Development and Official Statistics", the Ministry of National Economy, Muscat,   Oman, November, 2010.
5.   "General Education Quality Analysis/Diagnosis Framework", UNESCO and Ministry of Education, Oman, 19-23, May, 2013.
6.   "UN Sustainable Development plan", the MoHE, Oman, 9 April, 2018.

WORKSHOP & LECTURES DELEVERED:
1. "On some properties of Shrinkage Methods" (Lecture: Al-Mustansiryah University, Iraq, 1990).
2. "SPSS Packages" (Workshop: University of Nizwa, 2006).
3. "Double Stage Testimator for Reliability Function with Exponential Failure Model" (Lecture: Nizwa University, Oman, 2007).
3."Some problems in Probability's book of Secondary Schools" (Workshop: Tanof, Aldakhilya Region, Oman, 2008).
5. "On shrunken procedures" (Lecture: ENSPAM, University Putra Malaysia, Malaysia, 2009).
6. "Survey and Data Analysis" (Workshop: Nizwa University, Oman, 2011).

7. "Performance indicators for private higher education institutions"(Workshop: Directorate of Private Universities and Colleges,, the MoHE, Muscat, 2011).

8. "How to follow/track the improvement in the performance of PHEIs according to the results of the performance indicators project"(Workshop: Directorate of Private Universities and Colleges, the MoHE, Muscat, 2011).

9. "How to improve the performance of Higher Education Institutions"(Lecture, College of Ibn Al-Haitham, Baghdad University, Baghdad, 2012).

10. "The framework of the project "Performance indicators for private higher education institutions"(Attendance are the Minister, Undersecretary, Advisors, Project team, Muscat, March, 2013).

11. "Performance indicators for College of applied sciences"(Workshop: MoHE, Muscat, 18, Feb.,2014).

12."Some results of the project "Performance indicators for private higher education institutions"(Attendance are the Minister, Undersecretary, all advisors, all directors general, Deans of applied colleges and all experts of MoHE, March, Muscat, April, 2014).

13. The final results of the project "Performance indicators for private higher education institutions"(Attendance are the Undersecretary of MoHE, general secretary of the Education Council, all advisors, all directors general, Presidents and dean of private HEIs, Deans of applied colleges and all experts of MoHE, March, Muscat, May, 19th 2014).

14. Explaining the final results of the project "Performance indicators for private higher education institutions"(Participants were 7 officers from Directorate General of Private Universities and Colleges, MoHE, Sep.15-17, 2014).

15. Explaining the final results of the project "Performance indicators for applied colleges of sciences"(Attendance are the Minister, Undersecretary of MoHE, Board of trustees, Director of applied colleges, MoHE, Muscat, January 18, 2015).

16. Explaining the final results of the project "Performance indicators for applied colleges of sciences" (Attendance are the Undersecretary of MoHE, general secretary of the directorate of Applied Colleges , Deans of all applied colleges and all quality audit officers of applied colleges, March, Muscat, June 24, 2015).

17. Explaining the final results of the project "Performance indicators for applied colleges of sciences" (Attendance are the Minister, Undersecretary, Colleges of Applied Sciences Board Members and the director general of Applied Colleges , Deans of all applied colleges and all quality audit officers of applied colleges, March, Muscat, Jan. 18, 2016).

18. "Ranking indicators for Colleges of Applied Sciences" (Workshop: MoHE, Muscat, March 30 2016).

19. " Discussing the problems of data collection of Ranking indicators project (Attendance are the Assistant Dean, HoD's and committee, college of applied science, Sohar, May 25 2016).

20. "The data editing techniques of the data of Admission Center, MoHE" (Attendance are the employees of Admission Center, October 9-13, 2016).

21. "Al-Farahidi Performative Framework, Tools and Mechanisms to assess the Performance of Institutions". German University of Technology, Oman. December 12, 2016.

22. Explaining the final results of the project "Ranking indicators for applied colleges of sciences"(Attendance are the Minister, Board of trustees, Director of applied colleges, MoHE, Muscat, February 1, 2018).

23. Explaining the final results of the project "Ranking indicators for applied colleges of sciences"(Attendance are the His Excellency the undersecretary, the Director of applied colleges, MoHE, Deans of Colleges and quality officers Muscat, February 23, 2018).

24."Shrunken Methods: review of literature and initiatives", Department of Department of Mathematics, University of Indonesia, Indonesia (Fab., 28, 2018).

25. "How to collected the self-reported data of the ranking projects". Mazoon College, attendance are all the Assistance Dean, HoD (academic and administration) (July, 17 2018).
26. "The Ranking Project of HEIs: comments and suggestions". The Ministry of Education (Sep., 5 2018).
27. "The classification project of Schools: comments and suggestions". The Ministry of Education (Sep., 6 2018).
28. The ranking project and the True North for HEIs in Oman, Implementation Support Team, Al Dewan (Dec. 2 , 2018).
29. The summary of PIs and RIs projects and the accreditation of Applied Colleges of Science, the Directorate of Applied Colleges of Science, attendance are the general director, assistants and quality audit officers of applied colleges (Dec. 5, 2018).
30. What are the benefits of the two projects (PIs and RIs) in the process of academic accreditation? The Applied Colleges of Science, the Directorate of Applied Colleges of Science, all Deans and Assistants (Dec. 13 2018).
31. How to utilize the results of the two projects (PIs and RIs) in the process of academic accreditation? Sohar Applied College of Sciences (March. 18 2018).
32. The Statistical Analysis using SPSS. The MoHE (Attendance are the employees of the Ministry and Colleges of Applied Sciences, from March 31st to 2nd April, 2019).
33. The performance indicators of the of 5-year Strategic Plan (2021-2025) of the MoHE (Attendance are the Minister, Advisors, General Director, MoHE, Muscat, May 9, 2019).
34. Public Session of Discussion: Tradition of Ramadan. The Ministry of Higher Education, Oman (Attendance are the employees of the MoHE, May 21, 2019).

Community Services

SCIENTIFIC PROMOTION:
I reviewed more than 40 scientific promotion cases for assistant/associate professorial or professorial positions from most of Iraqi Universities and from other Universities of different countries.

EXAMINER of M.Sc. and Ph.D. Thesis:
I examined more than thirty Ph.D. and M. Sc. Dissertations from most of the universities in Iraq (Universities of Baghdad, Al-Mustansiryah, Basra, and Salahuddin), of several universities of Malaysia and Pakistan.

REVIEWER ACTIVITIES:
1. I was nominated as a member of the Editorial Board of the International Journal of Quality and Innovation (Inderscience), 2017- .
2. Reviewer of the Journal of Econometrics and Statistics, ELSEVIER.
3. Reviewer of the Journal of Risk and Reliability, SAGE PUB, UK.
4. Reviewer of the International Journal of Business and Systems Research, Inderscience.
5. Reviewer of the Journal of Reliability Engineering & System Safety, Elsevier.
6. Reviewer of the International J. of Modeling and Simulation (Taylor & Francis, Canada).
7. Reviewer of the Journal of Reliability Engineering and System Safety, Elsevier.
8. Reviewer of the Journal of Computational Statistics and Data Analysis, Elsevier.
9. Reviewer of the Journal of Studies in Higher Education (Taylor & Francis).
10. Reviewer of the Journal of Quality and Reliability Management, Emerald Group Publishing.
11. Reviewer of the Journal of Productivity and Performance Management, Emerald Group Publishing.
12. Reviewer of the Journal of Information and Knowledge Management, World Scientific.

13. Reviewer of the Journal IEEE Transactions on Reliability, IEEE Reliability Society.
14. Reviewer of the International Journal of Quality and Innovation (Inderscience).
15. Reviewer of the International Journal of Electronic Marketing and Retailing (Inderscience).
16. Reviewer of the Journal of Engineering Science & Technology, Taylor's University, Malaysia .
17. Reviewer of the International Journal of Machine Learning and Computing (IJMLC), Singapore.
18. Reviewer of the International Journal of Quality Research, Serbia.
19. Reviewer of the Pakistan Journal of Statistics and Operation Research, Pakistan.
20. Pakistan Journal of Statistics, Pakistan.
21. Reviewer of the Caledonian Journal of Engineering, Oman.
22. Referee to several journals in Iraq.

SERVICES TO THE COMMUNITY :
1. Member, four committees, UoN.
2. Member, committee of Operational Plan of the Project of Strategic Development for Education, 2014.
3. Member, Committee of the Project of the Sustainability of Private Higher Education in the Sultanate of Oman", Research Counsel, 2016.
4. Member, Annual Meeting of the Statistical Association of Oman.
5. Supporting the Committee of the Project of Classification of Private Schools, the Ministry of Education, Oman in the designing and implementing the project.
6. Helping most of the Ph.D. students of the Ministry in the designing their proposals and in statistical analysis which are major steps required in their projects.

SERVICES TO THE UNIVERSITY (SURVEYS and STATISTICAL ANALYSES):
1. I am the first faculty member and the only one who used and implemented the Statistical Software Packages in teaching and training at University of Nizwa (2005-2014; 2019-).
2. Helping most of the final year students (B.Sc.) of College of Science and Arts, and College of Pharmacy and Nursing of UoN and many M.Sc. students (Department of Education and Social studies, College of Sciences, University of Nizwa from 2007 to 2014) in the designing the survey and in statistical analysis which are major steps required in their projects and dissertations.
3. Doing all the statistical analyses required for the annual reports, Quality Audit surveys and reports and other reports of the University of Nizwa (2005-2014).

SERVICES TO THE MINISTRY:

1. Academic Advisor, the project of Performance Indicators, Private Universities and Colleges.
2. Academic Advisor, the project of Performance Indicators, Applied Colleges of Sciences.
3. Academic Advisor, the project of Ranking, Private Universities and Colleges.
4. Academic Advisor, the project of Ranking, Applied Colleges of Sciences.
5. Member, Committee of 5-year Strategic Plan of MoHE (2012-16).
6. Member, Committee of 5-year Operational Plan of MoHE (2012-16).
7. Member, Committee of distributing the internal scholarship of MoHE , 2014-15.
8. Member, the Committee of installing the indicators of the project of PIs in the Statistical Systems.
9. Member, Committee of distributing the internal scholarship of MoHE . 2015-16.
10. Member, Committee of 5-year Strategic Plan of MoHE (2016-20).
11. Member, Committee of 5-year Operational Plan of MoHE (2016-20).

12. Member, Graduate Survey Project of Colleges of Applied Sciences and analyzed the data of the project (more than 483 pages).
13. Member, Committee of reviewing and aligning the recommendations of the Strategy of Education, 2016-2040 with 5-year Operational Plan of MoHE .
14. Member, Committee of reviewing the statistical indicators of the admission center of MoHE.
15. Member, the Committee of installing the indicators of the project of RIs in the Central data bases of the Ministry.
16. Member, Committee of distributing the internal scholarship of MoHE, 2016-17.
17. Member, Committee of distributing the internal scholarship of MoHE, 2017-18.
18. Member, Committee of Aligning the Graduates with the Market Needs.
19. Member, Committee of 5-year Strategic Plan of MoHE (2020-25).
20. Member, Committee of 5-year Operational Plan of MoHE(2020-25).

Consultancy Activities

1. Member, committee of Operational Plan of the Project of Strategic Development for Education, 2014.
2. Member, Committee of the Project of the Sustainability of Private Higher Education in the Sultanate of Oman", Research Counsel, 2016.
3. Member, Annual Meeting of the Statistical Association of Oman.
4. Supporting the Committee of the Project of Classification of Private Schools, the Ministry of Education, Oman in the designing and implementing the project.
5. Helping most of the Ph.D. students of the Ministry in the designing their proposals and in statistical analysis which are major steps required in their projects.

Membership in Professional Bodies

1. Senior member of International Association of Computer Science and Information Technology (IACSIT).
2. Senior member of International Economics Development Research Center (IEDRC) Organization.
3. Member, IAENG-ICCSDE.
4. Member of Scientific and Technical Committee & Editorial Review Board on Engineering and Applied Sciences-World Academy of Science, Engineering and Technology.
5. Member, International Association of Academicians and Researchers.
6. Member, Iraqi Scientists' Network.
7. Member of Iraqi society for Quality Control and Reliability.
8. Member of Iraqi Statistical Society.
9. Member of Iraqi Society for Physics and Mathematics.
10. Member of Iraqi Society for Operation Research.
11. Member of Economist Iraqi Society.
12. Member of Indian Society for Probability and Statistics.

Awards and recognitions

1. Organizer of the International Webinar "Accurate and Comprehensive Information for a Carefree Life" on the World Statistics Day of the UoN. From rom 9AM to 4 PM on 20th Oct. 2020. The Webinar consists of five plenary sessions and twenty talks. The attendance is more than 100 from Oman, Iraq, Egypt, Iran, India and Malaysia.
https://www.facebook.com/unizwaoman/videos/733023817287977;

https://www.facebook.com/CAS.UoN.OM/photos/pcb.397453461660514/397453354993858/

2. I was awarded "the Best Employee Award" from Her Excellency the Minister of the MoHERI, Oman. May 2019.

3. I was awarded "the Best Employee Award" from His Excellency the Undersecretary of the MoHERI, Oman. May 2019.

4. I was awarded "the Best Research Award" from Her Excellency the Minister of the MoHERI, Oman. October 2018.

5. I was awarded "the Best Project Award" from Her Excellency the Minister of the MoHERI, Oman. November 2017.

6. I was selected into "Marquis who's who in the World" as one of the top 3% of the professionals, and will be listed in the international biography directory 2017, Volume, 34.

7. I was awarded "Valued Reviewer Status" from Journal of Reliability Engineering and System Safety, ELSEVIER. Jan. 20, 2016.

8. I was awarded "Recognized Reviewer Status" from Journal of Reliability Engineering and System Safety, ELSEVIER. Sep. 23, 2015.

9. The paper "Some statistical indicators for performance improvement of HEIs in Oman" was selected for the Best Paper Award Competition of the 2012 International Conference of Computational Statistics and Data Engineering, International Association for Engineers, June 2012, London, UK.

10. My students (Al-Mansour University College) were selected for central examinations by the Ministry of Higher Education and Scientific Research in Iraq and I was awarded the first prize (2001- 2002).

11. Whilst I was the Head of Information System and Computers Department, Al-Mansour University College, Iraq, the department was selected with others for the Central Correspondence Departments Examinations throughout Iraq and was awarded the first, second, and third prizes (2001-2002), by the Ministry of Higher Education and Scientific Research in Iraq.

12. First prize Award, 1986-1987, Chess Championship of Iraqi Students Association at India.

13. Award of one of the two top M.Sc. students , Baghdad University (1976-1978 Batch).

14. Award of one of the two top B.Sc. students, 1976, Al-Mustansiryah University, Iraq.