

## BIO-DATA

**Name** : **Dr. Anil Kumar Bhardwaj**

**Father's Name** : Sh. RameshwarDayal Sharma

**Date of Birth** : 17<sup>th</sup> May, 1966

**Permanent Address** : Village Jatwas ,P.O. &Disstt. MahendraGarh  
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**Office Address** : Associate Professor , Department of Statistics  
University of Rajasthan , Jaipur.

**Educational Qualifications** :

Class	Year	Board/Univ.	Marks	Div.	% of Marks
Matric	1981	Haryana Edu. Board.Bhiwani	647/900	Ist	72%
B.Sc.	1985	M.D.U.Rohtak	533/950	IIInd	56%
M.Sc.	1987	M.D.U.Rohtak	625/1000	Ist	62.5%
M.Phil.	1989	U.O.R.Jaipur	274/400	Ist	68.5%
M.C.A.	2006	U.O.R.Jaipur	2812/4000	Ist	70.3%
M.B.A.	2010	M.D.U.Rohtak	1604/2500	Ist	64%

Ph.D. Thesis on 'Construction and Analysis of Generalized Cyclic Designs' submitted on 15.09.1993 to University of Rajasthan Jaipur and degree awarded on 18.06.1994.

### Teaching Experience :-

For U.G. Classes from 09.12.1995 till now (23 years )

For P.G. Classes and M.Phil.classes from 24.01.1997 till now (22 years )

### List of Publications :-

1. On Construction of Generalized Cyclic Row-Column Designs (1993). Calcutta Stat. Assoc. Bull. Vol. 43,231-237.

2. A Note on Generalized Cyclic Designs (1993). Proceedings of the Mahalanobis Birth Centenary Symposium on Probability and Statistics, Kerala 109-118.
3. Some Methods of Construction of Generalized Cyclic Row-Column Designs (1997). Jour.Ind. Soc. Agri. Statistics. Vol.50, 113-120.
4. Construction of Generalized Cyclic Row Column Designs (2000). Pure and Applied MatematikaSciences ,Vol. L-I No. 1-2 pp 61-67.
5. Some Bounds on Variance Balanced Block Designs (2000). Pure and Applied MatematikaSciences ,Vol. L-II No. 1-2 pp 39-43.
6. On Construction of Single Replicate Generalized Cyclic GC(4) Row- Column Designs(2001). Current Trends in Information Theory, Statistics and O.R. ,pp 173-177.
7. Construction of Incomplete Block Designs Through Factorial Experiments (2002). Pure and Applied MatematikaSciences ,Vol.LV. No. 1-2 ,pp 59-63.
8. On Construction of Efficiency Balanced Designs Through Asymmetrical Factorial Experiments (2002). Journal of Rajasthan Academy of Physical Sciences, Vol. 1, No. 3, pp 183-187.
9. On Some Methods of Construction of Neighbour Designs (2002). Journal of Rajasthan Academy of Physical Sciences, Vol. 1, No.4, pp 277-280.
10. A New Method of Construction of Incomplete Block Designs(2006). Journal of Rajasthan Academy of Physical Sciences, Vol.5, No.1, pp 69-76.
11. Construction of N-Ary Partially Efficiency Balanced (N-PEB) Design and Balanced N-Ary Design(2008). Journal of Mathematics & System Science. Vol.4, No.2, pp 47-55.
12. A Note on Urban Poverty (2006). Proceedings of Indian Society of Information Theory and Applications(ISITA) held at ISRANA (Panipat) Haryana. pp 40-43.
13. Statistical Analysis of Urban Poverty with Special Reference to Rajasthan (2006). Nucleus. Vol.VI, No. 1, pp 59-70.
14. Statistical Evaluation of Rural Poverty in the Districts of Rajasthan (from 1998 to 2003). Jour. Of Mathematics & System Sciences. Vol.4, No.1, pp 73-84.
15. On Method of Construction of SBIB Design (2008). Pure and Applied MatematikaSciences ,Vol. LXVIII, No. 1-2, pp79-81.
16. Socio-Economic Determinants Affecting the Poverty in Rajasthan(2008). Int. Jour. of Agriculture Stat. Sci. Vol.4 No.1, pp 91-96.
17. Software Engineering for Complex Systems with AI Agents (2009). Proceedings of the National Conference on Information Technology, Jaipur pp116-117.
18. Software Cost Estimation Using COCOMO-II (2010). Jour. of Mathematics &Systems Science, Vol.1, No. 1, pp 14-22.
19. Software Cost Estimation for Web Projects(2011). Int. Jour. of Agriculture Stat. Sci. Vol. 7, No.1, pp 281-287.
20. A Comparative Study of COCOMO -II and Putnam Models of Software Cost Estimation(2011). Int. Jour. of Scientific and Engineering Research, Vol. 2, No. 11, pp 1-3.
21. Programmer's Capability on Software Cost Estimation (2011). Journal of Rajasthan Academy of Physical Sciences, Vol.10, No.4, pp 349-355.
22. Statistical Analysis of Computer Literacy in Rajasthan(2012). Journal of Rajasthan Statistical Association (JRSA), Vol. 1, No. 1, pp 113-121.

23. Intelligent Heuristics Search Algorithm of N-Queens Problem of Constraint Satisfaction (2012). International Journal of Computer Science and Network (IJCSM), Vol.1, No. 5, pp 1-4.
24. Statistical Analysis of Various Models of Software Cost Estimation (2012). International Journal of Engineering Research and Application (IJERA), Vol.2 , Issue3, pp 683-685.
25. The Maxmin-Minmax Algorithm for Game Playing (2010). Proceedings of advances in Information Theory and Operations Research, pp 304-311.
26. Effect of Socio- Economic Variables on Computer Literacy among University Students (2012). Mathematical Journal of Interdisciplinary Sciences, Vol.1 No.2, pp 97-101.
27. Android the Future of Mobile Era (2012). Int. Jour. of Mgt. IT and Engineering, Vol.2, Issue 10, pp 309-315.
28. Algorithms under Uncertainty for Decision Making of Problem Domain (2012). Int. Jour. of Scientific and Engineering Research, Vol. 3, Issue 10, pp 1-5.
29. Construction of Statistical Index for Banking Sector in Indian Stock Market(2017). Journal of Rajasthan Academy of Physical Sciences, Vol. 16, No. 2&3, pp 203-210.
30. Statistical Analysis of Impact of Foreign Exchange Rates on BSE-Sensex(2018). Int. J. Agricult. Stat. Sci. Vol. 14, No.2, pp 623-626.
31. Statistical Analysis of Tourism in Rajasthan(2018). Multi-disciplinary Int. Journal Remarking An Analisation. Vol. 3, ISSUE-6, pp 83-88.
32. Seasonal Analysis of Electricity Consumption in Rajasthan(2018). Shrinkhala A Multi-Disciplinary International Journal. Vol. 6, ISSUE-2, pp 82-89.
33. Statistical Analysis of Solar Power as a Source of Sustainable Energy in Rajasthan(2018). Journal of Rajasthan Academy of Physical Sciences.Vol. 17,No 3&4, pp 143-150.
34. Statistical Analysis of Impact of Foreign Exchange Rates on BSE-SENSEX (2018). Int. J. Agricult. Stat. Vol. 14, No. 2, pp.623-626 .
35. Statistical Analysis of Comparison of Services of Public and Private Banks after and before Demonetization of 2016(2019). Multi-disciplinary Int. Journal Remarking AnAnalisation. Vol.3, Issue10, pp 251-254.

#### **Conferences and Seminars Attended:-**

1. 81<sup>st</sup> Session of Indian Science Congress Association held at Jaipur during 3-7 January,1994.
2. National Conference on Applied Statistics and Operation Research held at Nagpur during November 5-6, 1998.
3. 86<sup>th</sup> Session of Indian Science Congress Association held at Chennai during 3-7 January,1999.
4. Third Annual Conference of Indian Society of Information Theory and Application held at Amritsar on 12-14 February,1999.
5. Completed the Orientation Course Under the Academic Staff Council orientation scheme of UGC at Jaipur from 20.09.1998 to 16.10.1998.
6. International Conference on Design Of Experiment-Recent Trends and Future Direction held at Department of Statistics , University of Delhi on December 27-30, 2001.
7. Fifth AnnualConference of Society of Statistics , Computer and Applicationheld at Udaipur on 17-19 January, 2003.
8. National Seminar on Finance and Development held at UOR Jaipur on 10-11 January, 2005.

9. National Seminar on Rural Sector Reforms held at UOR Jaipur on 26-27 February, 2005.
10. National Workshop on Research Methodology held at Jaipur on 19-21 December, 2005.
11. Completed UGC sponsored refresher course in Information Technology from 08.02.2007 to 28.02.2007 held at Academic Staff College, UOR Jaipur.
12. 19<sup>th</sup> Annual Conference of Indian Association for the Study of Population (IASP) held at Banaras Hindu University, Varanasi on 26-28 Oct. 2007.
13. 9<sup>th</sup> National Conference of Indian Society of Information Theory and Application held at Graduate School of Business and Administration (GSBA), Greater Noida (U.P.) on 8-9 December, 2007.
14. 10<sup>th</sup> National Conference of Indian Society of Information Theory and Application held at N.C. College of Engineering, ISRANA (Panipat), HARYANA during 5-6 September, 2008.
15. National Conference on Innovation in Engineering and Technology (IET) held at Poornima Group of College, Jaipur on 15-16 September, 2008.
16. 11<sup>th</sup> National Conference of ISITA held at Guru Govind Singh Khalsa College, SARHALI (Tarn Taran) Punjab on 24-26 October, 2009.
17. National Conference on Recent Trends in Information Technology Opportunities and Challenges held at Subodh College Jaipur on 26-27 February, 2010.
18. AICTE Sponsored National Level Seminar on Challenges in Software Engineering Research and Practices held at N.C. College of Engineering ISRANA (Panipat), HARYANA on 30-31 March, 2010.
19. Completed UGC Sponsored Refresher Course in Information Technology held at ASC University of Rajasthan, Jaipur from 7.2.2011 to 26.2.2011.
20. 1<sup>st</sup> National Conference on Secure Data Communication and Networks held at Suresh Gyan Vihar University, Jaipur on 30-31 March, 2011.
21. National Conference on Web Services, Computing and Communication Technology held at Yagyavalkya Institute of Technology, Jaipur on 15-16 April, 2011.
22. 99<sup>th</sup> Indian Science Congress Association held at KIIT University Bhubaneswar (ORISSA) during 3-7 January, 2012.
23. National Conference on Computational and Mathematical Science (COMPUTATIA)-2012 held at VIT Jaipur on 28-29 January, 2012.
24. National Conference on Recent Advancements in Intelligent Computing System (RAICS-2012) held at JNIT Jaipur on 2-3 November, 2012.
25. 12<sup>th</sup> International Conference of International Academy of Physical Sciences (CONIAPAS) held at UOR Jaipur on 22-24 December, 2010.
26. National Conference on Computational and Mathematical Sciences (COMPUTATIA-II) held at VIT Jaipur on 30<sup>th</sup> November & 1<sup>st</sup> December, 2012.
27. National Workshop on Research Methodology (NWRM) held at Department of Statistics UOR Jaipur on 19-21 October, 2012.
28. National Seminar on Interdisciplinary Approach in Science in Emerging Scenario (NSIES-2013) held at Vaish College, Bhiwani (Haryana) on 16<sup>th</sup> March, 2013.
29. National Conference on Spatial Data Mining held at Department of Computer Science MDS University, Ajmer on 20<sup>th</sup> March, 2013.
30. Attended Capacity Building Programme for Social Science Faculty Members held at UGC-Academic Staff College, UOR Jaipur from 3.6.2013 to 15.6.2013.

31. National Seminar on Interdisciplinary Approach in Science in Engineering Scenario organized by Vaish College , Bhiwani on March 16, 2013.
32. National Conference on Spatial Data Mining organized by Department of Computer Science MDS University, Ajmer held on 20<sup>th</sup> March, 2013.
33. National Conference on Emerging Computing Technologies in Modern Era organized by S.S. Jain Subodh P.G. (Autonomous ) College, Jaipur during 22-23 January, 2014.
34. 4<sup>th</sup> National Conference on Computational and Mathematical Sciences (COMPUTATIA) held at VIT campus Jaipur during 25-26 November, 2014.
35. 17<sup>th</sup> International Conference of International Academy of Physical Sciences (CONIAPS ) organized by UOR in association with St. Wilfred College Jaipur and Parishkar College of Global Excellence Jaipur during Jan. 16-18, 2015.
36. National Conference on Environmental Challenges , Human Health & Society organized by University Maharaja College Jaipur during 8-10 September, 2016.
37. 1<sup>st</sup> National Conference on Statistics for Humanities and Social Sciences: Recent Trends and Advancements organized by Rajasthan Statistical Association & Department of Lifelong Learning, UOR Jaipur during 15-16 January, 2018.
38. International Symposium on “Advances in Mathematical Sciences & Applications in Engineering and Technology” held in Department of Mathematics, Poornima University Jaipur during 27-29 April, 2018.
39. One Week International Workshop on Research Methodology held in Amity University Rajasthan, Jaipur during 04-08 June, 2018.
40. 23<sup>rd</sup> International Conference of International Academy of Physical Sciences(CONIAPS XXIII) organized by Nepal Academy of Science and Technology Kathmandu, Nepal during 16-18 November, 2018.

**Session Chair :**

1. Chaired a session in International symposium on” Advances in Mathematical Sciences & Applications in Engineering & Technology”(AMSAET 2018) Organized By Poornima University, Jaipur
2. Chaired a session in the International Conference on Sustainable Computing in Science, Technology and Management (SUSCOM – 2019 ) held in Amity University Rajasthan during February 26-28, 2019.

**Invited Talk / Lectures Delivered :-**

1. National Conference on Environmental Challenges, Human Health and Society organized by University Maharaja’s College & ISLS(2016).
2. International symposiumon”Advances in Mathematical Sciences & Applications in Engineering & Technology”(AMSAET 2018) Organised By Poornima University, Jaipur.
3. Some lectures delivered in Ph.D. Programme on Application of Statistics in Educational Research in Department of Education UOR Jaipur, (2017-2018).
4. Some lectures delivered in MCA Programme on DBMS and Data Structures in Center for Computer Science & Information Technology UOR Jaipur (2015-16).

5. Some lectures delivered in BCA Programme on Software Engineering in Maharaja's College & Maharani's College Jaipur(2012-15).
6. Some lecturers delivered in Ph.D .course work programme in Poornima University Jaipur (2015-18).

**Books Published :-**

Title	Publisher & ISBN No.	Year
Mathematical Methods For Numerical Analysis And Optimization	RBD Publication 978-81-8142-457-0	2011
Android Development Makes Easy	Lap Lambert Academy Publishing 978-8465-4633-8	2012
Principles of Programming Language (Through 'C')	CBH Publication 978-93-84182-24-3	2017

**Ph.D Awarded Under My Supervision :-**

Title	Name	Year
Statistical Investigation of Poverty Measures in Special Reference to Rajasthan	Madhulika Kedawat	2009
Statistical Analysis of COCOMO II Model on Software Cost Estimation	Triloki Nath Sharma	2012
Improvement and Application of Search Techniques of Artificial Intelligence(AI) Through Statistical Data Modeling	Surendra Kumar Yadav	2013
Statistical Analysis of Performance of Computer Education in Rajasthan	Yogendar Kumar Verma	2013
Statistical Analysis of Financial Market Dynamics	Deepak Kumar Gupta	2018

**M.Phil. Dissertation Completed Under my Supervision :-**

Title	Name	Year
A Review on Construction of Incomplete Block Designs Through Factorial Experiments	Shalini Saxena	2007
Statistical Analysis of Mother and Child Health Care in Rajasthan	Kratika Mittal	2009
A Study of Software Cost Estimation Using COCOMO II	Surbhi Gupta	2011

**Conference Organized:** Organized Nation Conference on Recent Advancements in Statistics ,Mathematics ,& Computation in the Department of Statistics ,UOR Jaipur during 15-17 March,2019.

**Membership :-**

1. Life member Rajasthan Academy of Physical Sciences.
2. Member Advisory Committee M.S. Central Research Institute (Ayurveda) , Jaipur.
3. Life member Indian Society of Information Theory and Applications (ISITA).
4. Life member Indian Science Congress Association.
5. Life member Rajasthan Statistical Association.
6. Life member Indian Journal of Statistics and Applications.
7. Life member International Academy of Physical Science.

**Administrative Experience :-**

1. Working as Assistant Warden Gokhale Hostel , University Maharaja's College, Jaipur since July,2001 till today.
2. Working as A.N.O. 7<sup>th</sup> Raj. Indep. Company Jaipur, since 2002.
3. Working as Proctor in University Maharaja's College Jaipur since 2007.
4. Working as Local Head Department of Statistics University Maharaja's College, Jaipur.
5. Member of Standing Disciplinary Committee University Maharaja's College, Jaipur.
6. Co-Coordinator of the National Workshop on Research Methodology held in Department of Statistics UOR Jaipur on 19-21 October, 2012.
7. Working as member Student Union Election Committee University Maharaja's College, Jaipur since 2008.

**Awards /Scholarships :-**

- Received President's Scout Award in 1979.
- Received State Merit Scholarship from 1978 to 1981 and 1982 to 1985.
- Received Department Research Scholarship from 1991 to 1994.
- Obtained third position in M.Sc. Statistics in M.D.U. Rohtak.
- Obtained second position in M.Phil. (Stat.) U.O.R. Jaipur.

**(DR. ANIL KUMAR BHARDWAJ)**