DR. VYAS DUBEY

Professor

Ph.D. (B.H.U., Varanasi)

Contact Information:

Cell -9926115054

 E-mail: dubey_vyas@rediffmail.com

(A) General

1. Date of Birth	: 21-01-1960
2. Father's Name	: Shri Ramdhari Dubey
3. Present Residential Address	: L-3, Teachers Colony
	Pt. Ravishankar Shukla University Campus,
	Raipur(C.G.)-492010

4. Academic Qualifications:

Degree	Institution	Year
Ph.D.	Banaras Hindu University, Varanasi	1988
N.E.T.	U.G.C., New Delhi	1986
M.Sc.	Banaras Hindu University, Varanasi	1982
B. Sc.	Gorakhpur University, Gorakhpur	1980

(B) Teaching Experience   : **35 Yrs**. **- P.G. Classes**

Name of Institution	Post Held	Period
	Professor	27/7/2006 onwards
	Reader	27/7/1998 to 26/7/2006
	Sr. Lecturer	15/3/1993 to 26/7/1998
	Lecturer	15/3/1988 to 14/3/1993

(C) Research Activities

1.	Area of research	**Sampling Theory**
2.	Research Guidance	Ph. D. – 5
		M. Phil. - 2
3.	Research papers published	43
4.	Book (Co-Author)	01
5.	Papers Presented in Conferences	33
6.	Research Project completed	01

(D) Training

1. No. of Refresher Course / Workshop/ Orientation Course attended: **06**

(E) Collaborative Study

1. Prof. T.P. Tripathi, Indian Statistical Institute, Kolkata.

(F) Interdisciplinary Curriculum

(a) ACADEMIC

(i) Chairman-Board of Studies in Statistics, Pt. R.S.U., Raipur., Nov.2011-Oct. 2014 & Dec. 2017 Onwards

(ii) Member, Academic Council, Pt. R. S. U., Raipur, Nov. 2011-Oct. 2014 &   Dec. 2017 Onwards

(iii) Invited Talks-

(1) Academic staff college, Pt. R.S.U, Raipur, Dec. 01-21, 2007

(2) Sambalpur University, Burla (Orissa), Dec., 2008)

(3) Amravati Univ., Amravati, June 2009.

(4) Pt. R. S. Univ., Raipur, Jan., 2008, Feb., 2009, June 2013

(5) International Conference, Dec. 15-17, 2013, Pondicherry Univ.

(6) Training of newly appointed Assistant Statistical Officers, Directorate of Economics and Statistics, Raipur Chhattisgarh Feb. 24-march 01, 2014

(7) U.G.C. Sponsored National Seminar Cum Skill- Based workshop on Statistical Computing Using R Software, Utkal University, Bhubaneswar, March 27-28, 2017

(8) State Level Workshop on Business Analytics and Statistics , Modern College of Arts, Science and Commerce, March 27-28, Dec. 19-20, 2017

(9) National Conference on Big Data & Applied Statistics, March 17, 2019, Dept. of Statistics, Saurashtra University, Rajkot (Gujarat).

(10)   Training on Statistical Methods by using Open Free License Software, Jan.18, 2020. Chhattisgarh Institute of Medical Sciences, Bilaspur.

(11)   ICSSR sponsored National Workshop Seminar on Role of Recent Applied Statistical Techniques in interdisciplinary Research PRAST, H.N.B. Garhwal University, Srinagar, Feb 20-22, 2020

(12)   Online National Workshop on Statistical Packages for Data Analysis, Osmania University, Hyderabad, Aug. 27, 2022

(iv) Guest Faculty in S.O.S. in Economics, Institute of Management, Physical Education, Pt. R. S. U., Raipur and M.P. Bhoj Univ., Raipur Center.

(b) ADMINISTRATIVE:

(i)   Dean, Faculty of Science, Pt. R.S.U., Raipur 20/4/2022 to the date

(ii)   Head, S.O.S. in Statistics, Pt. R.S.U., Raipur, 30/11/12 to 9/12/ 2015&10/12/2018 to the date

(iii) Chairman, Board of Studies in Statistics, Pt. R.S.U., Raipur , 15/9/2011 to 14-9-2014 and 30-10-2017 till the date

(iv)   Member, Executive Council, 1/12/2022 to the date

(v)   Member, Standing Committee, Pt. R.S.U., Raipur 17/5/2022 to the date

(vi)   Member, College Development Committee, , Pt. R.S.U., Raipur , 1/1/2022 to the date

(vii) Co- Warden, Boys Hostel, Pt. R. S. U., Raipur, July 2003-June, 2009.

(viii) Ex- Member- Anti Ragging Committee, Boys Hostel and S.O.S. in Statistics, Pt. R. S. U., Raipur.

(ix)   Assistant Coordinator of Central Valuation Unit/ Dispatch Unit of Answer books in

years 1998 to 2001.

(x)   Coordinator, Question Paper distribution centre, Annual Exam. 2005, 2006.

(xi) Member, Flying-squad, Annual Exam. 2007, 2008, 2009 .

(G). Organization of Symposia/Conferences

(i) Convener, Golden Jubilee National Conference on Recent Advances in
     Statistics and Applications, Nov. 15-17, 2013, Pt. R.S.U., Raipur

(ii) Coordinator, Workshop on SPSS, Dec. 26-28, 2013, Pt. R.S.U., Raipur.

(iii)   Member, Organizing Committee of National Seminars in years 1999
and 2002, S.O.S. in Statistics, Pt. R.S. U., Raipur.

(iv) Member, Organizing committee, 16 Km. long Human-Chain, Pt. R.S.U., Raipur, 1993

(H). Enrichment of Affiliated Colleges

(i)   Member, Higher Education, Raipur-Bastar Region, M.P., 1999.

(ii)   Member- University Nominee, Administrative Committee, Chhatrapati Shivaji College of Engg. &
       Tech., Durg, 2004 – 05.

(iii) Member, College Inspection Committee, Jun 2009, October 2009, 2013.

(iv)   Vice-Chancellor's Nominee in many selection Committees under Section 28 for
       recruitment of Assistant Professors and Principals of affiliated Colleges of Pt.
       Ravishankar Shukla University 2011-13.

(v)   Member, Planning Committee for Universities, **RUSA**, Chhattisgarh, Dec. 2017

(I). Fellowship / Award

1. U.G.C. – J.R.F. through N.E.T. (U.G.C.), 1986.

2. **Young Scientist Award,** M.P. Council of Science and Technology, Bhopal, 1989.

(i) LIST OF PUBLICATIONS

1. **Dubey, V.** and Pandey, B. N. : A product type estimator using coefficient of   variation of auxiliary
characteristic, **The Mathematical Society, B.H.U.**, 3, 147-150, 1987.

*2. Pandey, B. N. and **Dubey, V. :** On almost unbiased ratio estimator, **Metron**   XlVII, (1-4),
      333-338, 1989.

3. Pandey, B. N. and **Dubey, V. :** On the two phase modified ratio estimator using   the
coefficient of variation of auxiliary characteristic, **Jour. Ind. Soc. Agri. Statistics.** ,
XLI, (3), 266-270, 1989 .

4.Pandey, B. N. and **Dubey, V. :** Modified product estimator using coefficient of variation of auxiliary variate, **Assam Statistical Review,** 2 (2), 1-3,1989.

5.Dubey, V. and Pandey, B. N. : On the estimation of population mean through ratio method of estimation, **The scientific Journal, B. H.U.**, 30, 173-176, 1989.

6. Dubey, V. : An almost unbiased product estimator, **Jour. Ind. Soc. Agri. Statistics.**, 45 (2), 226-229, 1993.

7. **Dubey, V.** and Singh, S. K. : An improved regression estimator for estimating population mean. jour. **Ind. Soc. Agri. Stat.,** 45 (2) 179-183, 2001.

8. **Dubey, V.** and Kant, S. : A shrinkage type estimator of population variance using auxiliary information, **Vikram Mathematical Journal,** 23, 15-21, 2003.

9. **Dubey, V.** and Sharma, H. K. : A new class of estimators of population mean using auxiliary information, **Proc. Math. Soc., BHU**, 19, 47-55, 2003.

10. **Dubey, V.** and Kant, S**.** : On application of dual to ratio estimator for estimating population mean, **Jour. Pt. Ravishankar Shukla Univ**., 17, 43-49, 2004.

11. **Dubey, V.** and Kant, S.: An improved almost unbiased product type estimator of population mean, **Madhya Bharati**, 48, 58- 63, 2004.

12. **Dubey, V.** and Sharma, H. K.: A generalized estimator of population mean using auxiliary information in the presence of non- response, **Progress of Math.,** 38, 27-37, 2004.

13. **Dubey, V.** and Uprety, M. : Improving generalized estimators of population mean using auxiliary information, **Jour. Pt. Ravishankar Shukla Univ**., 17, 33-41, 2004.

14. **Dubey, V.** and Uprety M. : A transformed estimator of population total in PPS sampling, **Vikram Mathematical Journal**, 24, 112-119, 2004.

15. **Dubey, V.** and Kant, S.: On improving difference and regression estimators for population mean, **Assam Statistical Review,** 19, 24-29, 2005

16. **Dubey, V.** and Sharma, H. K.: An improved estimator of coefficient of variation auxiliary information, **Varahmihir, Sandipani Academy,** 5, 83 88, 2005.

17. **Dubey, V.** and Uprety, M. : An efficient estimator of population variance Using auxiliary information, **Madhya Bharti,** 49, 21-30, 20

18. **Dubey, V.**: An improved regression type estimator of population mean using auxiliary information in the presence of non-response. **Proc. Math. Soc, B.H.U.,** 21, 99-106, 2005.

19. **Dubey, V.**: A modified regression estimator of population mean using auxiliary information in general sampling scheme, **Transitions in Statistics, Poland,** 7(6), 1265-1275, 2006.

20. **Dubey, V.**: A generalised estimator of population mean using auxiliary information in general sampling scheme, **Aligarh Jour. Stat.**, 26, 57-64 , 2006.

21. **Dubey, V.** and Kant S.: Some bias adjusted ratio estimators of population mean, **Statistical Methods,** 8, 99-109, 2006.

22. **Dubey, V.** and Kant S.: A modified regression estimators of population mean in two phase sampling, **, Madhya Bharti**, 51, 83-90, 2006.

23. **Dubey, V.** and Sharma, H. K.: A generalized double sampling estimator of population mean using auxiliary information under general sampling design, **Gujarat Statistical Review**, 33, 49-64, 2006.

24. **Dubey, V**. and Tripathi, T. P. : Some estimators better than regression estimator using shrinkage interval technique**, Aligarh Jour. Stat**., 27, 11- 24, 2007.

25. **Dubey, V.:** On estimating population mean using auxiliary information**, Statistical Techniques in Life- Testing, Reliability, Sampling Theory and Quality Control (Editor, B.N. Pandey),** 183-193, 2007.

26. **Dubey, V.** and Kant S: Some estimators of population variance using auxiliary information, **Int. J. Agri. Stat. Sci**.. 4(1), 201-205, 2008.

27. **Dubey, V.** and Uprety, M. : A Class of estimators of population mean using auxiliary information in the presence of non-response, **Model Assisted Statistics and its applications**, 3(2), 119-125, 2008.

28. **Dubey, V.** and H.K. Sharma: On estimating population variance using auxiliary information, **Transitions in Statistics, A new series,** 2008.

29. **Dubey, V.** and Uprety, M.: A study on the choice of auxiliary variables at estimation and selection stages in sampling theory, **Proceedings of the International Symposium on Optimization and Statistics** (Editors: A.H. Khan and Haseeb Athar**)**, Aligarh Muslim University, Aligarh, pp. 92-98, 2008.

30. **Dubey, V.** and Uprety M.: An Estimator of population variance using auxiliary information under general sampling design, Research Jour. Of Sc.& Tech., Vol. 3(6), 351-358, ISSN 09574393, 2011.

31. **Dubey, V.** and Rathore, J.B.**:** A note on bias adjustment in ratio estimator, Applications of Reliability Theory And Survival Analysis, Bonfering Intellectual Integrity, pp. 210- 223, ISBN 978-9382338-25-3, 2012, Editor- Navin Chandra.

32. **Dubey, V. :** On Improving estimators of population mean using auxiliary information in presence of non-response, Recent Developments On Statistical Theory And Practice, Bonfering Intellectual Integrity, 227-237, ISBN 978-93-83459-13-1, 2013, Editor- J. Subramani..

33. **Dubey, V.** and Rathore, J.B. **:** On almost unbiased product type estimators of population mean, Journal of Ravishankar University , Part-B (Science), 28 (2), 1-4, ISSN 0970-5910, 2015.

34. **Dubey, V. :** An efficiency comparison of some generalised estimators, Inter. Jour. of

Statistics and Reliability Engineering, 6(1), 41-45, ISSN (O):2456-2378, 2019.

35. **Dubey, V.;** Rathore, J.B. and Dubey, U. **:** An almost unbiased ratio estimator of population mean in stratified sampling, Int. Jour. of Statistics and Applied Mathematics, ISSN 2456-1452, 4(6), 61-64, 2019.

36. **Dubey, V.;** Rathore, J.B. and Dubey, U. : Efficiency of modified product estimators under a super population model, Int. Jour. of Research in Engineering, Science and Management (IJRESM), 2(12), ISSN (O) :2581-5792, 2019.

37. **Dubey, V. ;** Rathore, J.B. and Dubey, U. : Estimation of Variance of Ratio Estimator, Int. Jour. of Engineering, Science and Computing, 9(12),24266-70, ISSN:2250-1371, 2019.

38. **Dubey, V.;** and Shukla A.K.: A curvilinear type estimator o population mean on two occasions, International Journal of Agricultural and Statistical Science, 16 (2), 831-836, 2020.

39. **Dubey, V.;** and Shukla A.K.: Some modified estimators of population mean on two occasions, Advances in Mathematics- Scientific Journal, 9(9),6457-6465, 2020.

40. **Dubey, V.;** and Shukla A.K.: A quadratic type estimator f population mean on multi-occasions using general sampling scheme, Inter. Jour. of Statistics and Reliability Engineering (IJSRE), 8(1), 1-9, ISSN (P):2350-0174, 2021.

41. An estimator of population mean using auxiliary information for small samples, Inter. Jour. of Statistics and Reliability Engineering (IJSRE), 9(2), 1-9, ISSN (P):2350-0174, 2022.

42. **Dubey, V.;** and Shukla, A.K. (2023): An efficient estimator of Population mean in successive sampling using auxiliary information, Statistical Modeling and Applications on Real Time Problems, Chapter 8, CRC Press, Taylor and Francis Group

43. **Dubey, V.;** and Reena (2023): An almost unbiased estimator of population mean using multi auxiliary variables, IJSRE (Accepted)

44. **BOOK PUBLISHED**

Dubey, V. and P.K. Sehgal: Statistical Inference- Non Parametric Tests .MST-004, IGNOU, New Delhi, ISBN No. 978-81-266-6479-5, 2013.

Peer Reviewer
   (1) Statistics in Transition , New Series, Warsaw, Poland
   (2) Journal of Statistics Applications and Probability JSAP, New York USA
   (3) Columbian Journal of Statistics, Columbia
   (4) Inter. Jour. of Statistics and Reliability Engineering IJSRE, India
   (5) International Journal of Agricultural and Statistical Science, India
   (6) Proceeding of the National Academy of Science, Physical Science NASA
   (7) Epidemiological Methods

(ii) RESEARCH GUIDANCE EXPERIENCE

Name of Student	Topic	Year
(a) Ph. D. : (1) Surya Kant	Some Estimators of Population Parameters Using Auxiliary Information.	2002
(2) H. K. Sharma	Some Contributions to The Estimation of Population Parameters in Sample Survey.	2004
(3) Minal Uprety	Some Problems On The Utilization Of Auxiliary Information in Sampling Theory	2006
(4) Jaya B. Rathore	Estimation of population parameters under super population models	2012
(5) Arun Kumar Shukla	Estimation of population parameters on successive occasions under general sampling design	2022
(b) M. Phil. : (1) Jitendra Kr. Jangade	Bias Adjustment in Ratio and Product Estimators A	2008
(2) Amit Kori	Comparison of Some Generalized Estimators	2012
(c) M. D. (PSM) **-Statistical Part** (1) Dr. Kamlesh Kumar Jain	Epidemiological study of dental caries in Raipur city	2003

(iii) PROJECT COMPLETED

Dubey, V. (1999) : Estimation of population variance in sample surveys, UGC minor research project, 1997

(iv) PAPERS PRESENTED IN SYMPOSIA / CONFERENCES

1. A transformed ratio estimator. Seminar on "Statistical Inference and its application", B.H.U., Varanasi, 1986. (With Prof. B.N. Pandey).

2. A product type estimator using coefficient of variation of auxiliary characteristic. III Annual Conference of Mathematical Society, B.H.U., 1987. (With Prof. B.N. Pandey).

3. An almost unbiased ratio estimator. **75th session of India Science Congress, Pune**, 1988.

4. An almost unbiased mean estimator using auxiliary information. IV M.P. Young Scientist Congress, A.P.S., University, Rewa (M.P.), 1989.

5. An almost unbiased estimator of population mean. National Seminar on Recent Statistical Advances in Problem Oriented Research, B.H.U., Varanasi, 1989.

6. An almost unbiased estimator of population mean using supplementary information. **77th session of Indian Science Congress Association, Cochin University** of Science and Technology, Cochin, 1990.

7. A modified regression estimating for estimating population mean. **International Symposium on Sample surveys:** Theory & Methods, **ISI Calcutta,** Dec. 15-17, 1993.

8. Some Modified Almost Unbiased Ratio Estimations. National Conference on Recent Developments in Sampling Techniques and Related Inferences. April 14-16, 1995, B.H.U., Varanasi.

9. Bias Adjustment in Ratio Estimator. National Conference on Statistical Inference in life testing and Reliability using apriori information held in Dept. of Statistics, B.H.U., Varanasi, Sept. 28-30, 1995.

10. An improved regression estimator for estimating population mean. **Paper presented during the participation of Refresher Course, ISI, Calcutta,** Oct. 30 – Nov. 20, 1995.

11. Some almost unbiased ratio type estimators in stratified sampling. National Conference Inference and other branches of Statistics on July 20-21, 1996, Motilal Vigyan Mahavidyalay Bhopal.

12. An almost unbiased estimator of population mean. **International Conference** on Statistical Inference, Combinatorics and related Areas. B.H.U., Varanasi, Dec.18-21,1997.

13. A Generalised Class of Almost Unbiased Estimators of Population Mean Using Auxiliary Information. Refresher Course , March 10 - 30, 1998, I.S.I., Calcutta.

14. Estimating Population Variance Using Auxiliary Information. National Conference on Recent Developments in Statistical Modeling and Inference, Feb. 17 - 19, 2000, Karnatak Univ., Dharwad.

15. Some Estimators better than Regression Estimator for a finite population. **International Conference on** Statistics, Combinatorics and related areas and 7th **International Conference** of the Forum for Interdisciplinary Mathematics, Dec.19-21, 2000, **I.I.T., Bombay**.

16. Some Estimators of Population Variance Using Auxiliary Information. The XX Annual Conference of ISPS and National Seminar on Industries Oriented Statistical Research and Annual Conference of Bayesian Society of India, Feb. 19 -21, 2001, Pt. Ravishankar Shukla Univ., Raipur.

17. On Improving Regression Estimator for Estimating Population Mean. National Conference on Mathematical and Applied Statistics, Nov. 5 - 7, 2001, Nagpur University, Nagpur.

18. A Weighted Estimator of Population Variance Using Auxiliary Information. **International Conference** on Statistical Inference and Reliability to Honour Prof. J.V. Deshpande and XXI Annual Conference of ISPS and Annual Conference of Indian Chapter Of International Society of Bayesian Analysis,Dec. 21-24,2001, Punjab University, **Chandigarh**.

19. Generalised regression estimator of population mean using past data, National Conference on Recent developments in Statistical Research and National Seminar On Quality Management in Industries, Pt. R. S. Univ., Raipur, Nov. 17-19, 2002. (With Suryakant).

20. A new class of estimators of population mean using auxiliary information, Ninteen[th] Annual Conference of the Mathematical Society B. H. U., Varanasi, Dec. 26-27, 2003. (With H. K Sharma)

21. On estimating population parameters using auxiliary information, **International Conference On Recent Statistical Techniques in Life-Testing, Reliability, Sampling Theory and Quality Control**, B.H.U., Varanasi, Dec. 29-31, 2003.

22. On the estimation of population variance using auxiliary Information, Oct., 24-26, 2004, Govt. P.G. College, Dhamtari (Chhattisgarh)

23. A class of estimators of population mean under general sampling scheme, XXIV **Annual Conference of Indian Society for probability and Statistics**, Nov. 4-6, 2004, St. Thomas College Palai (Mahatma Gandhi University, **Kottayam**

24. A Modified Regression Type Estimator for Population Mean Under General Sampling Design, **International Conference on Bayesian Statistics and its application**, Jan. 6-8, 2005, B.H.U., Varanasi.

25. An improved regression type estimator of population mean using auxiliary information in the presence of non-response, XX Annual Conference of The Mathematical Society, B.H.U., Varanasi, Jan., 10-11, 2005.

26. A Curvilinear regression type estimator for estimating population mean, National Conference on Recent Trends in Estimation & Optimization –Theory and Applications, Jan. 1 & 2, 2006,, Institute of Science, Nagpur.

27. Estimating population variance using auxiliary information, International Conference on Statistics and Informatics in Agricultural Research , Dec. 27-30, 2006, IASRI, New Delhi.

28. A class of estimators of population mean using auxiliary information in presence of non- response, International Conference on Statistical Science , O.R. & I.T. in conjunction with XXVI Annual Convention of ISPS, Jan. 7-9, 2007, Tirupati.

29. International Conference on New trends in Life Testing , Sampling Theory, Bio- Statistics , Bio-Informatics and Computer Applications, January 5-8, 2011, Department of Statistics, B.H.U., Varanasi

30. National Conference on Recent Developments in the Applications of Reliability Theory and Survival Analysis, Feb. 2-3, 2012, Department of Statistics, Pondicherry University, Puducherry

31. On improving estimators of population mean using auxiliary information in presence of non-response. International Conference on Recent Developments in Statistical Theory and Practice, Dec. 15-17, 2013, Department of Statistics, Pondicherry University, Puducherry .

32. A Curvilinear Estimator of Population Mean.UGC Sponsored National Seminar Cum Skill – Based Workshop on Statistical Computing Using R Software, Dept. of Statistics, Utkal University, Bhubneshwar, March 27-28, 2017.

33. Estimation of Population Parameters in Repeated Surveys. International Conference on Challenging Paradigms and Emerging Challenges in Statistical Sciences in conjunction with Bi-Decennial Convention of Society of Statistics , Computer and Applications, Jan. 29-31, 2018, Department of Statistics, Pondicherry University, Puducherry .

34. An Efficiency Comparison of Some Ratio Estimators, International Conference on Emerging Innovations in Statistics & Operations Research, Dec. 27-30, 2018, M.D. University, Rohtak.

35. Estimation of population mean on successive occasions, International Conference on Recent Advances in Statistics and Data Science For Sustainable Development, Dept. of Statistics, Utkal University, Bhubneshwar., Dec. 31-23, 2019.