

Dr. R. Vidya
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Department of Statistics
Yuvaraja's College
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KEY RESEARCH AREAS:

- ❖ Statistical Quality Control
- ❖ Multiple and Count regression

LIST OF PUBLICATIONS:

- (1) *Bhat Satish Shankar, Vidya,R., Parameshwar V. Pandit, (2014), [Maximum likelihood Estimation of Parameters in a Mixture Model](#), Communications in Statistics- Simulation and Computation (International) pp-141-148.*
- (2) *Dr.R.Vidya, Hossein Niavand, Farzaneh Haghghat nia(2014), [What is Quality Costs calculation Using the ABC Method of the order Application in TQM](#), International Journal of Scientific and Engineering Research (IJSER), 2014*
- (3) *Vidya,R., Raju c., (2013), [Designing Chain Sampling Plan \(Ch-SP-1\) under lot quality Protection](#), Computational Mathematics, Computational Geometry and Statistics (International) pp-103-106.*
- (4) *Vidya R., (2008) [Minimum Variance and VOQL Chain Sampling Plans - ChSP-4 \(C₁,C₂\)](#), Communications in Statistics, Simulation and Computation, International, U.S.A Vol. 37. No.7, pp-1466-1478.*
- (5) *Vidya R, Hebbar, H.V., Raju.C (1999), [On Dodge-Romig Single Sampling Inspection Tables Under Lot Quality Protection](#), Economic Quality Control, International, Germany Vol. 14. No.3-4, pp-163-171.*
- (6) *Arun Rao. K., Nagnur, B.N., Vidya R (1999),[On Second Order Efficiency of Estimators Derived by Generalized Chi-Square Distance Functions](#), Biometrical Journal , International, U.K, Vol. 41. No.5, pp-615-626.*
- (7) *Vidya R., Hebbar, H.V., (1998),[On Designing Variables Single Sampling Plans Indexed by AQL and LQL](#), Economic Quality Control, International, Germany Vol. 13. No.4,,205-220.*
- (8) *Arun Rao. K., Vidya R (1992),[On the Performance of a test for Coefficient of Variation](#), Calcutta Statistical Bulletin National, Calcutta, Vol. 42. No.16, pp-87-95.*

PUBLICATIONS IN CONFERENCE PROCEEDINGS:

1. **Bhat Satish Shankar, Vidya,R.**(2015), *Improvement on Ridge regression Estimator*, *Proceedings of National Seminar on Statistical Methods and Data Analysis* Abhiruchi Prakashana, Mysore .with ISBN No. 81-7877-093-8. Page 65-71.
2. **Amruhta A.K. Vidya,R.**(2015), *An Analysis of DMFT by their Brushing Methods using Zero Inflated Models*, *Proceedings of National Seminar on Statistical Methods and Data Analysis*, ISBN No. 81-7877-093-8. Page 47-54. Abhiruchi Prakashana, Mysore March'2015.
3. **Bhat Satish Shankar, Vidya, R.**, (2014),*On an Almost Unbiased Ridge Estimator in a Bilinear Model*, *Proceedings of International Conference on Recent Developments on Statistical Theory and Practice (ICRDSTAP-2013)* with ISBN No. 978-93-83459-13-1. Bonfring Intellectual Integrity Page No.141-148 April' 2014(International).
4. **Vidya,R., Ashadevi J.S.**(2013),*Students Assessment in Improving Quality Programme in Higher Education*, Conference proceeding with ISBN No.978-93-81430-52-1 (National) pp-252-256.

PAPERS PRESENTED/ ATTENDED CONFERENCES/SYMPOSIUM/WORKSHOPS:

1. *National Level Workshop/Seminar on "Kuvempu Sahitya: Samakaleena Chinthanegalu"* Organised by Department of Kannada, Yuvaraja's College, Mysore, University of Mysore, on 29th January, 2015 .
2. *National Seminar on "Sahityetar Kshetra Mein Hindi ka Yogdan"* Organised by Department of Hindi, Maharaja's College, Mysore in Collaboration with National Testing Services -1, Central Institute of Indian Languages, Mysore , on 17th -18th September 2014.
3. *National Seminar on "Educational Vision and Mission of Swami Vivekananda "* Organised by Yuvaraja's College, Mysore, University of Mysore, on 18th and 19th August, 2014.
4. *"Census Data Dissemination Workshop"* sponsored by Directorate of Census Operations, Karnantaka , organized by University of Mysore and, 23rd January 2014.
5. *National Workshop/Seminar on "Probability and Statistics"* Organised by DOS in Statistics University of Mysore, Mysore, Nov 5th and 6th , 2013.
6. NAAC sponsored National conference on *"continuous enhancement of quality in higher educational institutions"* organized by Park's College, Tirupur on 30th Sep and 1st Oct 2013 (Students Assessment in Improving Quality Programme in Higher Education).
7. UGC sponsored *"National seminar on role of autonomy and quality assurance in higher education: issues, achievements and challenges"* organized by Gobi arts and Science College, Gobichettipalayam, Erode district, Tamilnadu. On 1st and 2nd Feb 2013 (Why do colleges seek autonomy?)
8. *Workshop on ' Re-visiting Affiliation System and UGC Schemes for Development of Higher Education and launching of CDC Handbook-2012* organised by College Development Council, University of Mysore,3rd November 2012.

9. One day workshop on “ [Autonomous Colleges-devising Innovative Strategies](#), Organised by JSS Law College, Mysore 28th July 2012.
10. Workshop on “ [Filling up DCF-II for All India Survey on Higher Education](#)”, Organised by Office of the Director, Organised by College Development Council, University of Mysore, Mysore on 24th July 2012.
11. One day workshop on “ [Creating Awareness about Official Statistics in India](#)” sponsored by Ministry of Statistics and Programme Implementation & National Academy of Statistical Administration, Government of India ,organized by University of Mysore, Mysore on 17th March 2012.
12. Three Day workshop-cum-Seminar on [Probability and Statistics](#), Organised by Department of Studies in Statistics, University of Mysore, 5th March to 7th March 2012.
13. Scientific Resource Person for : [State Level Workshop on Construction of Tool in Nursing Research](#)” Organised by College of Nursing, Gopala Gowda Shanthaveri Memorial Hospital Trust, Mysore , 17th -18th February 2012.
14. UGC Sponsored National Conference on “[Applications of Mathematics and Statistics](#)” organized by Department of Mathematics and Statistics, Yuvaraja’s College, Mysore, University of Mysore, on 25th-26th March , 2011.
15. One day workshop on [Choice Based credit system](#), organized by Yuvaraja’s college, Mysore, 14th March 2011
16. Invited Guest to deliver [Lecture and demonstration On SPSS package](#), Computer Centre, University of Mysore, 21st March, 2008
17. UGC sponsored State level Seminar on ‘[Popularizing Basic Science Courses- A modern approach](#)’, Govt. Science College, Hassan 31st August and 1st September, 2007.
18. One day symposium on ‘[Biology Today](#)’ organized by Indian Institute of Science, Bangalore 14-15 July 2006.
19. 17th [Mid-year Meeting of Indian Academy of Sciences](#) Indian Institute of Science, Bangalore 14-15 July 2006 Invited teacher-participant
20. 71st [Annual Meeting of Indian Academy of Sciences](#), Organised by Bharathidasan University, Tiruchinapalli, Invited teacher-participant
21. [Latex workshop](#) Organised by Dept. of Collegiate education Govt. of Karnataka, 01-03 October, 2005
22. Invited Guest faculty to deliver lecture , “[Workshop on SPSS package](#)” Organised by SDM Institute for Management Development, Mysore , 26th and 27th of March 2005
23. National Seminar on [Recent Advances in Statistical Methodologies and Applications](#), Organised by Dept. of Statistics, Bharathiar University, Coimbatore, 18th and 19th March 2004. (**Minimum Variance and VOQL Chain Sampling Plan (ChSP-1)**)
24. State Level Seminar on [Frontiers of Science and Technology](#), Organised by Yuvaraja’s College, Mysore, 5th January 2004
25. [Camo Course in Experimental Design – 3-Day Intensive Training Course CAMO Process AS, Oslo, Norway](#) 10 – 12 September, 2003.
26. U.G.C. Sponsored National Level Workshop on [Limit Theorems in Probability and Statistics](#), organized by DOS in Statistics, Univ. of Mysore, 04-07 September , 2000\
27. U.G.C. Sponsored Three-Day Workshop on [Some Applications of Statistics in Economics](#)

and Finance, Organised by DOS in Statistics, Univ. of Mysore 28th February to March 01, 2000.

28. State Level Symposium on *STATISTICS 2000* ** Organised by Department of Statistics, M.G.M. College, Udupi 25-26 June, 1999
29. National Seminar on *Stochastic Systems*, organized by DOS in Statistics, Mangalore University, 05-07, February 1998 (**Two Stage Chain Sampling Plans Indexed by AQL and LQL Based on Kullback Leibler Information**).
30. U.G.C. Sponsored Three-day Seminar on *Applications of Statistics*, Organised by DOS in Statistics, Univ. of Mysore, 10-12 February 1997.
31. U.G.C. Sponsored National Level Workshop on *Order statistics, Extreme values and their Applications*, Organised by DOS in Statistics, Univ. of Mysore, 08-12 July, 1996.

BOOKS /MANUALS EDITED

Edited the Seminar Proceeding in the book form *Statistical Methods and Data Analysis*, Published By Abhiruchi Prakashana, Mysore, ISBN No. 81-7877-093-8. (2015).

ORGANIZED SEMINAR /CONFERENCE:

- Organising committee member for UGC Sponsored 2 Days *National Level Seminar on "Vachanas in 21st century: Thoughts and Perceptions"* Organised by Department of Kannada, Yuvaraja's College, Mysore, University of Mysore, 22nd and 23rd September, 2015
- Organising committee member for *National Level Workshop/Seminar on "Kuvempu Sahitya: Samakaleena Chinthanegalu"* Organised by Department of Kannada, Yuvaraja's College, Mysore, University of Mysore, 29th January, 2015
- Convener and organising secretary for *National Seminar on Statistical Methods and Data Analysis*, September 26th & 27th, 2014.
- Organising committee member for National seminar on 150th Birth Anniversary Celebrations of Swami Vivekananda, *Educational Vision and Mission of Swami Vivekananda*, August 18th and 19th 2014.
- Organising committee member for National seminar on *biodiversity for food security*, 24th -25th June 2005.
- Organising committee member for State level seminar on *Frontiers of Sciences and Technology*, 5th Jan 2004.

VISITS ABROAD:

Visited Norway, Oslo during 10 – 12 September, 2003, to attend 3-Day Intensive Training Course in *Camo Course in Experimental Design at CAMO Process AS*.

PARTICIPATION IN EXTENSION ACTIVITIES:

- ❖ Remedial coaching (Done through Sc/ST Special Cell)

- ❖ Rural Development Schemes-Creating awareness and popularizing science among rural high school students. Answering the queries of high school students, which are popularized in Andolana newspaper.
- ❖ Delivered 16 E-content Modules for [NMEICT-MHRD](#) project—Sakshath, National Mission on Education through ICT, 2014-15
- ❖ Mentors/Resource persons for Summer/Winter Camps and other [INSPIRE](#) initiatives Under Inspire Programme (Department of Science & Technology (DST))

OTHER RESPONSIBILITIES

- ❖ Nodal Officer/User of [UGC e-Schemes](#) Portal of the college from 2013-14 till date.
- ❖ College Nodal officer under the [AISHE](#) launched by the Central Government, MHRD from 2012-13 to till date.
- ❖ Co-ordinator to manage [UGC Grants](#) of the College from 2013-14 till date.
- ❖ Co-ordinator to maintain the college [Website](#) from 2011-12 to 2014-15.
- ❖ Co-ordinator -[Women Empowerment](#) Committee
- ❖ Subject Expert for selection of Lectures in Statistics in [Sarada Vilas Educational Institutions](#), Mysore .
- ❖ Governing Council Member of [Mallamma Marimallappa Science and Business Management College](#), Mysore .
- ❖ Member - Inter Collegiate Literary and Cultural Competitions from 2009-10 till date.
- ❖ Member – [IQAC](#) of the college .
- ❖ Member- [Alumni](#) of the College.
- ❖ Member -[Sports Committee](#) from 2010-11 till date.
- ❖ Member- [Placement Cell](#)