

R E S U M E

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Qualifications :

DEGREE	SUBJECT	UNIVERSITY	YEAR	CLASS
B.Sc.	Statistics & Maths	University of Mysore	1971	I
M.Sc.	Statistics	University of Mumbai	1974	I

DEGREE	SUBJECT	UNIVERSITY	YEAR	GRADE	TITLE OF THESIS & SUPERVISOR
Ph.D.	Statistics	University of Mumbai	1988	-	On MV- Optimality and A-Optimality of Chemical balance weighing designs with special reference to number of weighings equal to $4k+3$ under Prof. Y.S. Sathe

7. Experience :

Year	Position	Institution
1974-1975	Demonstrator	Department of Statistics, University of Mumbai.
1975-1986	Lecturer	Department of Statistics, University of Mumbai.
1986-1988	Lecturer (Sr. Scale)	Department of Statistics, University of Mumbai.
1988-1998	Reader	Department of Statistics, University of Mumbai.
1998 onwards	Professor	Department of Statistics, University of Mumbai.
2001-2004	Head	Department of Statistics, University of Mumbai.

8. Subjects taught for M.A./M.Sc.:

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| a) Measure & Probability Theory | g) Non-parametric Inference |
| b) Design & Analysis of Experiments | h) Matrix Theory & Linear Models |
| c) Testing of Hypothesis | i) Multivariate Analysis |
| d) Operations Research | j) Advanced Theory of Designs |
| e) Distribution and Theory of Estimation | k) Stochastic Processes |
| f) Survival Analysis | |

9(A) Participation in Seminar/Workshop:

YEAR	PROGRAMME	TOPIC	INSTITUTION	PAPER PRESENTED
Nov. 1979	National Seminar	Unit cost of Education	Indian Institute of Education, Pune	-
27 th May 1985 to 8 th June 1985	Summer Workshop	Design of Experiment	Indian Statistical Institute, Calcutta	-
June 1989	National Seminar	Statistical Inference	University of Poona	Comparison of nonisomorphic D-optimum weighing Design When $N=3 \pmod{4}$

9(B) Invited for Seminar/Lecture Series/Conference/Workshop/Refresher Course:

YEAR	PROGRAMME	TOPIC	INSTITUTION	TALK
June 1986	Seminar	Graph Theory & Combinatorics and applications	Dept. of Mathematics University of Mumbai	Weight of Hadamard matrix
Dec 1990 to Jan 91	Lecture Series	Design of Experiments & Operations Research	Dept. of Statistics, Shivaji University, Kolhapur	Block designs and sequencing problems
March 1992	Refresher Course	Design of Experiments	Dept. of Statistics, Karnatak University, Dharwad	Optimality of Weighing Designs
Dec 1995	Refresher Course	Design of Experiments	Dept. of Statistics University of Pune Pune	Optimality of block designs
14 Nov 1998	Conference	Applications of Statistics	Dept. of Statistics University of Pune Pune	Chemical balance weighing designs
8-9 Sep 1999	Training Programme	Linear Programme and quantitative techniques	Indian Oil Corporation Mumbai	Simulation and Assignment problems
7 Sep 2000	Training Programme	Linear Programming and quantitative techniques	Indian Oil Corporation Mumbai	Linear Programming, Simulation, Transportation problems
16-17 Nov 2000	Refresher Course	Linear Models and Design of Experiments	Department of Statistics University of Pune	One way and two way classification, Block Designs, Weighing Designs.
14-15 Nov 2000	Refresher Course	Linear Models and Design of Experiments	Department of Statistics University of Pune	One way and two way classification, Block Designs, Weighing Designs
19-21 Dec 2000	International Conference	Statistics, Combinatorics & related areas	I.I.T. Mumbai	Construction of A-optimal weighing design when $N=3(\text{mod } 4)$

9(C) Participated in Seminar/Workshop organized by Department of Statistics, University of Mumbai:

YEAR	PROGRAMME	TOPIC	ORGANIZER	PARTICIPATION	TALK
Feb 1986	Seminar	Applications in Statistics	Department of statistics University of Mumbai	Organizer	-
Mar 1990	National Seminar	Statistical Inference & Survival Analysis	Department of statistics University of Mumbai	Organizer	-
Oct. 1994	1 st Refresher Course	Statistics	Academic Staff College	Resource Person	Simulation
Nov.2 5-26, 1994	Seminar	Statistics	Alumni Association	Organizer	-
March 1995	2 nd Refresher Course	Statistics	Academic Staff College	Resource Person	Design of Experiments
May 1995	Workshop	Statistical Process Control	E.R.T.L.	Resource Person	Taguchi Methods
Dec. 17-20, 1997	Seminar	Deliberations in Statistics & Statistics in Industry and Banking	Department of statistics University of Mumbai	Organizer	-
Mar. 1999	Seminar	Applications of Statistics	Department of statistics University of Mumbai	Organizer	-
June 11-12, 1999	Workshop	Introduction to Surveys	Rambhau Mhalgi Prabodhini	Resource Person	Case Studies
17 Feb 2000	Seminar	Application of Statistics	Alumni Association	Organizer	-
March 2002	Seminar	Application of statistics	Department of statistics University of Mumbai	Organizer	-
Feb 15,2003	Seminar	Application of statistics	Department of statistics University of Mumbai	Organizer	-
Feb 28,2004	Seminar	Current development in Data analysis	Department of statistics University of Mumbai	Organizer	-
March 2005	Refresher Course	Simulation	Department of mathematics University of Mumbai	Recourse person	simulation
Jan 28 2006	Seminar	Statistical Application related to data analysis	Department of statistics University of Mumbai	Organizer	-

Sept. 2006	Refresher course	ANOVA	Department of Education University of Mumbai	Recourse person	-
Feb 03,2007	Seminar	Statistical application to data analysis	Department of statistics University of Mumbai	Organizer	-

May 2007	International conference	Statistics	Department of statistics University of Mumbai	Organizer	-
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Oct. 2007	Refresher course	Probability and applications	Department of mathematics University of Mumbai	Recourse person	Markov chain
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Feb 2,2008	Seminar	Statistical application to data analysis.	Department of statistics University of Mumbai	Organizer	Markov chain
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10. Research Guidance :

At present I am working in the area of optimality of weighing designs.

10(A) Successfully Guided M.Phil. Students:

- 1) Avinash M. Deshpande :D-optimality of chemical balance weighing designs, April 1989.
- 2) Faiyaz A. Gariwala :Cumulative sum control charts – Univariate case, Sept. 1990
- 3) Jyotirmayee P. Atre :E-optimality of block designs, Nov. 1990
- 4) Anil S. Ajgaonkar :Weights of Hadamard matrices and Orthogonal designs, Jan. 1992
- 5) Ujjvala D. Kulkarni :Serially balanced sequences, Jan. 1992
- 6) Padmaja P. Joshi :Asymmetrical factorial experiments, Nov. 1992
- 7) Prasant A. Shah :On A-optimality of chemical balance weighing designs, Nov. 1992
- 8) Saju V. George :Non circular repeated measurement designs, Jan. 1994
- 9) Saroj V. Phadnis :Balanced treatment incomplete block designs, Jan. 1994

11. Statistical Analysis done on following topics:

- a) Grading of Colleges (T.Y. B.Sc.) : Department of Statistics, University of Mumbai
- b) Application of Data Reduction Techniques : Department of Statistics, University of Mumbai
- c) Evaluation of Mumbai University departments : Department of Statistics, University of Mumbai

11 (A) Consultancy Work:

- a) Formulation of an alternative distribution strategy : Parle Products (P) Ltd., Mumbai
- b) Statistical Analysis of Data on Natural Products : Richardson Hindustan Ltd., Mumbai
- c) Single Component open model : Pfizer Ltd., Mumbai
- d) Statistical analysis related to clinical trials : Zydus Cadila Ltd.

12. Membership of Academic Bodies:

Indian Society for Probability and Statistics, India
Indian Statistical Association, Pune
Alumni Association of the Department of Statistics, University of Mumbai
Institute of Actuaries, London, 1975-81

13. Membership of Academic Bodies of University:

Board of Studies in Statistics, University of Mumbai, 1992-95, 2001-2004
b) Research and Recognition Committee, University of Mumbai, 2001-2004
c) Board of University Teaching and Research, University of Mumbai, 2001-2004
d) Research and recognition committee university of Mumbai 2001 onwards

14. Worked as Referee/Paper-Setter & Examiner for M.A./M.Sc./M.Phil.:

University of Mumbai
Indian Institute of Technology, Powai, Mumbai
Shivaji University, Kolhapur
University of Pune
Actuarial Society of India, Mumbai
R.B.I., Mumbai
State Eligibility Test, Pune
M.PSC

Dr. R.G.Shenoy

Research Publications:

(with Y.S. Sathe), On inequalities for statistics similar to students t., *Comm. in Statistics*, A8(6), 575-579, 1979.

(with Y.S. Sathe), Construction of maximal weight Hadamard matrices of order 48 and 80, *Ars Combinatoria*, 19, 25-36, 1985.

(with Y.S. Sathe), MV-optimal weighing designs, *J. Statist. Planning and Inference*, 13, 31-36, 1986.

(with Y.S. Sathe), On sharper bound for the risk of the James-Stein estimators, *Comm. in Statist. Ther. Math.*, 15(2), 613-617, 1986.

(with Y.S. Sathe), On A-optimality of chemical balance weighing designs when $N = 3 \pmod{4}$, *The Institute of Mathematical Statistics Bulletin*, 16(3), 122, 1987.

(with Y.S. Sathe), Further results on A-optimal chemical balance weighing designs when $N = 2, 3 \pmod{4}$, *The Institute of Mathematical Statistics Bulletin*, 16(6), 331, 1987.

(with Y.S. Sathe), Optimal values of s when $N = 3 \pmod{4}$ and $N < 100$ for A-optimal weighing designs, 1988.

(with Y.S. Sathe), A-optimum weighing designs when $N=3 \pmod{4}$, *Ann. of Statist.*, 17(4), 1906-1915, 1989.

(with Y.S. Sathe), Comparison of nonisomorphic D-optimum design when $N = 3 \pmod{4}$, *National Seminar on Statistical Inference*, Pune, 1989.

(with Y.S. Sathe), Construction Method for some A and D-optimal weighing designs when $N = 3 \pmod{4}$, *Journal of Statist. Plann. and Inference*, 24, 369-375, 1989.

(with Y.S. Sathe), Further results on construction methods for some A and D-optimal weighing designs when $N = 3 \pmod{4}$, *Journal of Statist. Plann. and Inference*, 28, 339-352, 1991.

(with Y.S. Sathe), Some E-optimum designs when $N=2,3 \pmod{4}$, *Calcutta Statist. Assoc. Bull.*, 41, 183-188, 1991.

(with Y.S. Sathe), Construction method for seven D-optimal weighing designs when $N = 3 \pmod{4}$, *Statistical Inference and Design of Experiments*, edited by U.J. Dixit and M.R. Satam, Narosa Publishing House, New Delhi, 99-109, 1999.

(with U.J. Dixit, V.U. Dixit) Evaluation of selected Junior Colleges in Mumbai in Science Stream: *Statistical Inference and Design of Experiments*, edited by U.J. Dixit and M.R. Satam, Narosa Publishing House, New Delhi, pp.146-155, 1999.