# CURRICULUM VITAE

### Dr. ANITA MEHTA
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### PERMANENT ADDRESS
66, Vidya Marg, "Shivkuti"
Near Fateh Sagar Lake
Dewali, Udaipur (Raj.)

## APPOINTMENT

**Assistant Professor of Statistics**          **11th June 2018 – Till date**
University college of Science, Mohanlal Sukhadia University, Udaipur, India.

## RESEARCH  INTERESTS
Design of Experiments, Statistical Inferences

## ACADEMIC QUALIFICATIONS

**Doctorate:** Ph.D. in Statistics on the title *"Inference for variance components in unbalanced nested designs"* from MLS University 2006
**Post Graduation:** Master of Science in Statistics with specialization in the following subjects from MLSU, (Raj.) in 1996 with **72%**
- Design of Experiments and Theory of Sampling Surveys
- Multivariate Analysis and Statistical Inference
- Operation Research and Statistical Quality Control

**Graduation:** Bachelor of Science with the subjects Physics, Mathematics, Statistics from M.L.S.U. (Raj.) in 1994 with **66%**
**Senior Secondary:** from RBSE in 1991 with **66%**
**Secondary:** from RBSE in 1989 with **76%**

## TEACHING EXPERIENCE
- Under Graduate 22 years.
- Post Graduate 15 years.

## AWARDS / SCHOLARSHIPS
Gold medalist in M.Sc. (statistics)

## PUBLICATIONS

1. Dulawat M.S. and Dangi A. (2010), Admissibility of a conditionally specified test in four-stage unbalanced nested design, *International Journal of Physical Sciences,* 22(3)M, 725-732, ISSN 0970-9150.

2. Dulawat M. S., Mehta A., Agarwal S., and Rathore M. (2012), Some methods of construction of nested group divisible designs*, Journal of Rajasthan   Academy of Physical Sciences,* 11(2) 179-185, ISSN 0972-6306.

3. Mehta A. and Dulawat M. S., (2013), Exact and approximate tests of a conditionally specified test procedure in four-stage unbalanced nested designs, *Journal of Rajasthan Academy of Physical Sciences,* 12(4), 345-356, ISSN 0972-6306.

4. Mehta A. (2016), Power function of CST procedure based on two PTS in four-stage unbalanced designs, *Journal of Chemical, Biological and Physical Sciences*, 6(2), 568-580, E-ISSN 2249-1929 .

5. Mehta A. (2021), Power Function of Partially Balanced Nested Design, *Journal of Rajasthan Statistical Association,* 3(1), 172-180, ISSN 2278-4845.

6. Mehta A. and Khurdiya K. (2022), Laplace Transform: Application in L-R Circuit, Displacement of Particle and Solving System of Simultaneous Differential Equation, *Journal of Environment Science, Computer Science and Engineering & Technology,* 11(2), 225-233, ISSN 2278-179X .

## <u>NATIONAL/ INTERNATIONAL CONFERENCES</u>

1. Presented a paper titled **"Admissibility of a conditionally specified test in four stage unbalanced nested design"** in the XVII Annual Conference of Rajasthan Ganita parishad and Symposium on *"Mathematical modeling"* held at Udaipur (Raj.) during February 10-11, 2006.

2. Presented a paper titled **"Power function of CST procedure based on two PTS In four–stage unbalanced nested designs"** in National Workshop on Analysis, Differential Equations & Application (NWADA)organized by Department of Mathematics & Statistics, Mohanlal Sukhadia University , Udaipur during February 25-27, 2016.

3. Presented a paper titled **"Admissibility of Conditionally Specified Test in a Random Model"** in International Conference on Recent Advances in Pure and Applied Mathematics & Annual Conference of Rajasthan Ganita Parishad held at Department of Mathematics and Statistics, Mohanlal Sukhadia University, Udaipur (Raj.) INDIA, during February 13-14, 2017.

4. Presented a paper titled **"Power and Size of a Specified Random Model Based on two PTS"** in International Workshop on Operator Theory & Relativity organized by Department of Mathematics & Statistics, Mohanlal Sukhadia University, Udaipur (Raj.) INDIA during February 22, 2018.

5. Presented a paper titled **"Power Function of Partially Balanced Nested Designs"** in the 2nd National Conference on Statistics for Humanities and Social Sciences: Statistics for a Better Future organized by Rajasthan Statistical Association & Department of Lifelong Learning, University of Rajasthan, Jaipur during September 4-5, 2018.

6. Presented a paper titled *"Condition for Admissibility in Four-stage Nested Design using Conditionally Specified Test Procedure"* in the "National Conference on Recent Advances in Statistics and Statistical Practice" organized by Department of Statistics SAP(I)-DRS(II) supported Sardar Patel University, Anand, Gujarat during March 1-2, 2019.

7. Contributory speaker of the paper titled **"Construction of Group Divisible Designs from Self-complementary BIB Designs"** in International conference (Virtual mode) on Emerging Trends in Statistical and Data Science, jointly organized by the Department of Statistics of Cochin University of Science & technology, cochin, M. D. University, Rohtak, University of Kerala (Trivandrum), Bharathiar University, Coimbatore, The Madura college (Autonomous), Madurai during September 7-10, 2021.

## SEMINARS / WORKSHOPS/ SHORT TERM TRAINING PROGRAMME

1. Attended the *"Business Research Methods Workshop"* held at Faculty of Management Studies, MLSU, Udaipur during 29th September to 1st October, 2017.
2. Participated and successfully completed the certificate program on **"Data Analysis Using Excel and SPSS"** organized by Faculty of Management, PAHER University, Udaipur during 31st March to 1st April, 2018.

3. Participated in one day workshop on **"LATEX"** organized by the Department of Mathematics & Statistics, Mohanlal Sukhadia University, Udaipur (Raj.) during 13th October, 2018.

4. Participated in five day National workshop on **"Computational Techniques for Education and Research"** organized by the Department of Mathematics & Statistics, Mohanlal Sukhadia University, Udaipur (Raj.) during November 19-23, 2018.

5. Participated in "3rd National Conference on Statistics for Sciences, Social Sciences and Humanities (NVSSSH-2019)" from 13-14th September, 2019 organized by Rajasthan Statistical Association & Department of Mathematics & Statistics, MLSU, Udaipur.

## ORIENTATION/ REFRESHER PROGRAMME

- Participated in 112th Orientation Programme organized by UGC-HRDC, University of Rajasthan, Jaipur during 25th November , 2019 to 14th December, 2019 and obtained Grade 'A'.
- Participated in two-week Refresher Course in **"MATHEMATICS"** organized by Department of Mathematics, Ramanujan College, University of Delhi, from 16-30 March, 2021 and obtained Grade 'A+'.
- Participated UGC-SPONSORED Refresher Course in Statistical Methods in Data Analysis and Research organized by UGC-HRDC, University of Rajasthan, Jaipur from 14th November, 2022 to 26th November, 2022 and obtained Grade 'A'.

## PROJECT

- A project of Rs. 5.78 Lakh entitled **"Study of qualitative effect on Kathodi tribe due to various educational, health and other welfare schemes"** was sanctioned by **M.L. Verma, TRTI, Department of Tribal Area Development, Udaipur** in April 9, 2021.

## RESEARCH SUPERVISED

- Hemant Kumar Gurjar (Ongoing)

## MEMBERSHIP

- Life Membership of Rajasthan Ganith Parishad.
- Life Membership of Rajasthan Statistical Association.
- Life Member of Indian Society for Probability and Statistics.