



Dr. Roma Debnath

Associate Professor, Applied Statistics

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Dr. Roma Debnath is an alumna of Delhi University, Department of Statistics, she specialized on Industrial Statistics viz, /six sigma, Design of Experiments (DoE), Taguchi Designs, TQM. Dr. Debnath extensively uses Data Analytics and Advanced Statistical Modelling in her applied research. She is also proficient in different statistical softwares like, SPSS, MINITAB, Atlas ti-8, E-Views, DEA Solver, which are used by her for training and research.

Her research cuts across the sectors like Banking, Education, Knowledge Management, Sports, Global Happiness, Indian Railways, Agri-food, hospitality, etc. Her research expertise is in Design of Experiments, Taguchi Designs, Benchmark, Project Management, etc.

She is presently engaged with Policy Research for numerous ministries and the departments of Government of India. A rich experience with the Department of Public Enterprises (DPE), NITI Aayog, Department of Science and Technology, Ministry of Skills and Entrepreneurships, Power Finance Corporations, DoPT, Ministry of Health and Family Welfare, etc. for evaluation research studies to name a few.

COURSE: Research methodology & Research Methods: Quantitative, Qualitative Methods & Dissertation Protocols

MODULE

- ◆ Definition and various aspects of Research Process
- ◆ Conducting Literature Review
- ◆ Research Strategies and research tools
- ◆ Research Process
- ◆ Hypotheses formulation
- ◆ Sampling Techniques (Random and Non- Random)
- ◆ Quantitative Research Methods
- ◆ Qualitative Research Methods
- ◆ Dissertation Protocols

 Video

 PPT

 Resource Material

 Quiz