Name: Revathy Sundararajan

Designation: Associate Professor

Highest Educational Qualification: Ph. D (Mathematics)

Don Bosco Institute of Technology, Mumbai

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Qualificational Details:

Passing Year	Degree	Specialization	University
2000	Ph.D	Probability and Stochastic Processes (Mathematics)	Ramanujan Institute for Advanced Study in Mathematics, University of Madras
1990	M.Sc	Mathematics	Stella Maris College, University of Madras
1988	B.Sc	Mathematics	Stella Maris College, University of Madras

Teaching Experience & Area of Expertise:

Over 27 years of teaching Mathematics.
Probability and Stochastic Processes

Responsibilities Handled:

1. Head, BSH department during the three academic years from 2013 – 14 to 2015-16
2. College Magazine incharge for three years from 2006 to 2009.
3. Moodle committee convener for five years from 2016-17 to 2021-22
4. Mentoring committee convener for five years from 2016-17 to 2021-22

Research Areas:

Probability and Stochastic Processes
Mathematics Education

Publication Details:

a) Papers Published:

1. V. Thangaraj and Revathy Sundararajan [1997]: Multivariate Optimal Repair Replacement policies for a system subject to shocks. Optimization. (Germany) 41 173 – 195.
2. V. Thangaraj and Revathy Sundararajan [1999]:Multivariate Optimal Repair Replacement policies for a repairable system with general repair. Proc. International Conf.On Stoch.Proc. And Appli.,Anna University 147-155.
3. V. Thangaraj and Revathy Sundararajan [2000]Multivariate repair replacement policies for a system subject to random shocks, Proc. National Conf. On Optimization Techniques in Industrial Problems, 1-3 March , University of Madras, 183-206 18.
4. Revathy Sundararajan and Pratibha Dumane [2008] A Case Study to Investigate the Performance of Hopfield Models – A Mathematical Approach, IEEE conference on AI tools, Cummins College, Pune, March 6-8, 2008
5. Revathy Sundararajan [2008] Bivariate optimal repair-replacement policies for systems subject to deterioration – National conference on Engineering applications of Mathematics (NCEAM 08), 23 May 2008, MAEER'S Maharashtra Academy of Engineering, Alandi, Pune
6. Tripathy A.K, Revathy Sundararajan et al [2015] - Opinion Mining from User Reviews - Proceedings of the International Conference on Technologies for Sustainable Development, 2015- IEEE Explore
7. Nalini S and Revathy Sundararajan [2020] - Teaching Algebra through its applications in Engineering, National Seminar on Algebra - 2020, Shivaji University, Kolhapur, 14-15 Feb, 2020
8. Revathy Sundararajan and Pranjalee Kurundkar [2021]Testing Mathematical Concepts of Undergraduate Engineering Students: Some Ideas for stimulating Higher Order thinking Skills Proceedings of the 9th National Conference (, Bhopal, Dec 22 to 24, 2020) on Mathematical Education, NCERT