

CURRICULUM VITAE

Personal data

Dr. (Mrs.) V. Jemmy Joyce

Assistant Professor

Mathematics

Karunya Institute of Technology and Sciences

Coimbatore – 641 114

Email: jemmy@karunya.edu

Phone: 9894261525



Education

Ph.D. (Mathematics) Karunya Institute of Technology and Sciences, Coimbatore	2012
M.Phil. (Mathematics) Madurai Kamaraj University, Madurai	1999
M.Sc. (Mathematics) , Lady Doak College, Madurai	1997
B.Sc. (Mathematics) Lady Doak College, Madurai	1995

Research focuses/Title of dissertation

Focus: Fuzzy Sampling Plans, Reliability Based Sampling Plans

Title of thesis: A study and contributions to Mixed sampling plans and Reliability based Sampling plans using certain probability model.

M.Sc. Project guided: 4

Teaching

Since Jan 2008, Assistant Professor, Department of Mathematics, KITS, Coimbatore-114

July 2005 –Dec 2008 Senior Lecturer, Department of Mathematics, KITS, Coimbatore-114

June 2000-July 2005 Lecturer, Department of Mathematics, KITS, Coimbatore-114

Total paper publications: 30[Scopus-14]

Journal Publications (Selected)

1. Selection of Mixed Sampling Plans for Second Quality Lots”. **Economic Quality Control, Germany**. Vol. 25, pp. 31 – 42, 2010 [Scopus]
2. Mixed S sampling Plan When the fraction defective is a function of time”, **International Journal of pure And Applied Mathematics** Vol. 86.No.6, pp. 1013 – 1018, 2013[Scopus]
3. Multidimensional Mixed sampling plans for second quality lots, **International Journal of Applied Engineering Research**, Vol.9 No.20 pp.7305 -7309,2014[Scopus]
4. Designing and Selection Of Reliability based Sampling plans, **International Journal of Mechanical and Production Engineering Research and Development** Vol. 8, Issue 4, Aug 2018, 343 – 348 (Scopus)
5. Fuzzy Sampling Plan Using Ztpd, **Advances in Mathematics: Scientific Journal** 9 (2020), no.4, 1611–1614, 2019(Scopus)

Books published

- 1 Mixed sampling plans based on ZTPD, V. Jemmy Joyce, **LAMBERT Academic Publishers**, Germany, ISBN 2021/978 -620-4- 20050- 7
- 2 Multidimensional Sampling Plans, V.Jemmy Joyce, **LAMBERT Academic Publishers**, Germany, ISBN 2021/978-620-4-20052-1

Certificate courses completed:

1. Six sigma – Understanding control charts
2. Probability for Statistics and Data Science
3. Introduction to Python Programming
4. Data Science Math Skills –coursera
5. Advanced Linear Models for Data Science: Least Squares –coursersa

Paper presentation: International-3, National-5
Guest lecture delivered: 1

Membership: IMS,IAENG