

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 –coursesera

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

Membership: IMS,IAENG