



Madu Ratna, M.Si.

Senior Lecturer

Dra. (Statistics – ITS, 1985), M.Si. (Statistics – ITS, 2004)



RESEARCH INTEREST

Social and Demography,
Industrial Statistics.

PUBLICATION

- 2014, “Analysis of Factors that Influence Life Expectancy in East Java (Indonesia) Using Semiparametric Spline Regression Approach”, International Journal of Basic & Applied Sciences, Volume 14, Issue 2
- 2012, “Modeling the Percentage of Poor People in Indonesia Using Spline Nonparametric Regression Approach”, International Journal of Basic & Applied Science, Volume 12, 119-124
- 2010, “Weighted Spline Estimator for Estimation of Birespon Nonparametric Regression Curve”, National Seminar of Department of Mathematics, Unima, Manado.

Madu Ratna, M.Si obtained her master degree in Statistics from ITS, Surabaya, Indonesia, in 2004. The title of her thesis is Cox Regression For Reliability Analysis.

She teaches courses based on regression analysis, nonparametric regression, multivariate analysis, experimental design, linear algebra and mathematics statistics II. She also writes papers and publish in several journal and seminar.

GOOGLE SCHOLAR CITATION

- <https://scholar.google.com/citations?user=JfFUyi0AAAJ&hl=en>
- <https://www.scopus.com/authid/detail.uri?authorId=57189445070>