



**European Edulink 11 Project- Food Science and Technology in Africa
and the Caribbean (FSTinAC) in collaboration with the
Faculty of Food and Agriculture, Department of Food Production**

How to Choose the Right Statistical Test?



Dr. Kathiravan Gopalan
Senior Lecturer
Agricultural Economics

About the Speaker:

Dr. Gopalan has been serving as Senior Lecturer (Agricultural Economics), Department of Agricultural Economics and Extension, FFA, The UWI, St. Augustine since 24th July 2015. Before joining here, he was serving as Full Professor (Animal Husbandry Economics) in Tamil Nadu Veterinary and Animal Sciences University (TANUVAS), Chennai, India. He was a recipient of prestigious “Best Teacher Award” from TANUVAS, India. He has been making extensive investigation in the fields of agricultural policy, marketing, animal health economics and willingness to pay research

Abstract:

The major purposes of statistics are to help us understand and describe phenomena in our world and to help us draw reliable conclusions about those phenomena. Yet, for want of exposure to statistical theory and practice, it continues to be regarded as the Achilles heel by all concerned in the loop of research and publication. There are many different types of statistical analysis. Choosing the correct analytical approach for your situation can be a daunting process. Knowing what type of project you have and what sort of data you will collect can be useful in working your way towards the most appropriate statistical approach. With the widespread availability of powerful and at the same time user friendly statistical software, a few fundamental considerations for selecting appropriate statistical test will lead one towards success. This discursive lecture would address on the key principles for selecting the most appropriate statistical test based on the research question and appropriate research design, which is crucial to obtain valid and generalizable results from the research study. Discussion on the issues and approaches relating to the selection of the most appropriate statistical test(s) for quantitative research designs and as to how you can best deal with confronting scenarios will then be presented.

Free Presentation

Date: Thursday : 25th February, 2016

Time: 1.00 p.m. -2.45 p.m.

Venue: Room C, Faculty of Food and Agriculture, UWI

For further information, please contact:

Dr. Marsha Singh: marsha.singh@sta.uwi.edu; marsha_ggg@hotmail.com or

Professor Neela Badrie: neela.badrie@sta.uwi.edu

tel.: 662-2002 ext. 82090; 83211 or 82598

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Refreshments would be served