



Dr. SANAL T.S, Ph.D

Udayavilasam
Kannaravila, Nellimoodu P.O
Trivandrum, Kerala - 695524
Mobile: 9901728831
sanal.statistics@gmail.com

Qualification Highlights

- Hands on experience in study design, sample size determination, Protocol development, data analysis, Systematic review & Meta analysis.
- Teaching experience in Biostatistics, Epidemiology, Research Methodology, Demography and Statistical software (SPSS, Epi - info, SAS, Review Manager, Microsoft office) at postgraduate level.
- Conducted training on Data analysis using SPSS.
- Statistical advisor for clinical trials, research projects, many thesis of the graduate, postgraduate, M. Phil and doctoral students.

Skills

- Teaching, protocol development, data analysis and report writing.
- Experience in use of computer.

Academic Summary

- Ph.D: for the topic “Derivation of a Statistical Model for predicting poor control of diabetes mellitus” from Manipal University, Karnataka, India (September 2013).
- First rank with distinction in M.Sc. from Department of Demography, University of Kerala, Kariavattom Campus, Trivandrum, Kerala, India (2007).
- First Class in B.Sc. Mathematics from University of Kerala, Trivandrum, India (2003).

Awards and honors

- Dr. Ramkumar Memorial award from University of Kerala in 2008.
- Dr. P. Krishnan Endowment awards from University of Kerala in 2007.

Work History

- Guest faculty in Biostatistics and Research Methodology at Laxmi Memorial College of Physiotherapy, A.J. Institute of Medical Sciences, Mangalore. From January 2019 – till date.
- Assistant Professor in Biostatistics from January 2014 to October 2018 at Nitte (Deemed to be University), Mangalore, India.
- Biostatistician from July 2012 to December 2013 at Nitte University, Mangalore, India.
- Faculty associate in the area of operations management from March 2011 to June 2012 at T.A Pai Management Institute, Manipal, India.
- Statistician from September 2010 to February 2011 at Department of Public Health, Manipal University, Manipal, India.
- Junior Research Fellow – Statistics for the DST, Govt. of India project entitled “Genomic Variation Analysis and Gene Expression Profiling of Human Dosha Prakriti based on Principles of Ayurveda” in Department of Statistics, Manipal University, Manipal, from July 2007 – August 2010.
- Project assistant for the Kerala Migration survey under taken by Centre for Development Studies (CDS), Thiruvananthapuram, Kerala, March 2007 to July 2007.

Languages Known

- English
- Malayalam
- Hindi

Statistical Packages Known

- SPSS
- SYSTAT
- STATA
- SAS

Area of Research Interest

- Statistical modeling in Epidemiological research
- Systematic review & Meta analysis
- Hands on data with Statistical Packages
- Database development

Publications

1. Sanal.T.S and P. Mohanachandran Nair. Application of birth interval and birth order Statistics to the analysis of fertility in India. an e-journal in Probability, Statistics and Optimization 2008; 68 - 81.
2. Sanal.T.S, Vinod.S. Lifetable techniques to the analysis of unemployment scenario of kerala. ISMS Bulletin 2009; 6 - 8.
3. Sanal.T.S. A Critical Assessment of knowledge, Attitude and Behaviour about HIV / AIDS in India. Text book of Population, Gender and Health in India, Academic Foundation 2010; 583 - 589.
4. Jeetu Gangil, Prabha Adhikari, Kishore G. Sam, Anish Kumar, Girish T and Sanal T S. Evaluation of Azithromycin As Add On Therapy in Community Acquired Pneumonia Patients; A Pilot Clinical Study. Journal of Current Pharmaceutical Research 2010;15-20.
5. Sanal T.S, Nair N S, Adhikari P. Factors associated with poor control of type 2 diabetes mellitus: A systematic review and Meta analysis. Journal of Diabetology 2011; 3:1.
6. Ramachandra Kamath, Kamalshwar S Mahajan, Lna Ashok, TS Sanal. A study on risk factors of breast cancer among patients attending the tertiary care hospital, in Udupi district. Indian journal of community medicine 2013: 95 – 99.
7. Bhagyasr Bhandary, Sathsh Rao, Sanal T.S. The effect of perceived stress and family functioning on people with type 2 diabetes mellitus. Journal of clinical and diagnostic research 2013: 2929 – 31.
8. Uday Venki, Pramitha Prabhakaran, T.S Sanal. Utilization patterns of benzodiazepines in psychiatric patients in a tertiary care teaching hospital. Asia pacific journal of clinical trials: nervous system diseases 2016; 196 – 201.
9. Binisha pappachan, Fatima D'Silva, Sanal T.S, Safeekh A.T. A protocol for systematic review on psychosocial interventions for psychological distress and quality of life among women with breast cancer. IOSR Journal of Nursing Health Science 2017; 6:1.
10. Krishna Khadk, Saneev Kumar Shah, Sanal T.S, Jeniffer Mathias, Abinas Upadhayay, Raju Ghimire, Sarita Ghimire. Knowledge and awareness about Cervical cancer screening and HPV vaccine among females aged 15 – 49 years in Rukum district of Nepal. American Journal of cancer prevention 2017; 10 – 16.

Personal Profile

Name : Dr. SANAL T.S
Date of Birth : 20-04-1983
Place of Birth : Kannaravila, Kerala
Nationality : Indian
Marital Status : Single

Permanent address : Udayavilasam
Kannaravila
Nellimood P.O
Trivandrum – 695524
Kerala, India

Email : sanal.statistics@gmail.com
sts.nlmd.manipal@gmail.com

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