

T.Gayathri

- Degree : MSc., MPhil., PhD
- Designation : Senior Lecturer in Statistics

Paper presentation:

1. Presented a paper on "Factors affecting the recovery time of COVID-19 patients by Cox- Proportional hazard model". organized by the Department of Statistics, University of Kerala in association with American Statistical Association (ASA) and Kerala Statistical Association (KSA) during 16-19, December 2020

Resource person:

1. Workshop on Basic Epidemiology, statistics, SPSS and Critical appraisal, organized by Department of Community Medicine, SRIHER.
2. National workshop on " Biostatistics, Epidemiology and Research methodology" organized by Vignan pharmacy college , Guntur 23-24th Feb 2018
3. Guest Lecture on " Statistical data Analysis" at MGR University, Chennai.
4. PhD orientation program organized by Department of community medicine, SRIHER
5. Basics of statistics in rapid review program conducted by pharmacology department, SRIHER
6. Statistical data analysis by spss in MBA dept.
7. Neocore2020 organized by Neonatology department on 12 March, 2020.

Workshops and seminars attended

1. Workshop on Grant and Publication writing on 14th Sep 2015, SRIHER
2. SRU-CITI International conference on "Ethics and responsible conduct of research: Basics and beyond organized by SRU & University of Miami. 28th and 29th Oct 2015, SRIHER
3. INDO-US SEMINAR ON ETHICS AND RESEARCH –organized by CRF AND CM
4. Workshop on Instrument development on 2nd to 4th Nov 2015, by SAMARTH.
5. One day workshop on Citation and Referencing, on 10th Feb 2016, organized by Active Learning Center, CM dept and Dept of Bioinformatics.
6. Faculty development program from 4th April to 6th April 2016 at SRIHER.
7. Research capacity Building workshop-conducted by CRF. 17th sept to 6th oct 2016
8. Three days National level workshop on " Research Methodology, Statistical Data analysis and interpretation by SPSS and AMOS on 5th to 7th May 2017 conducted by ISAR.
9. Three days National level workshop on " R Programming, Data analysis and Meta Analysis" on 5th to 7th June 2017 conducted by ISAR
10. Research capacity Building workshop Phase III- organized by CRF 1st March 2018 to 16th March 2018.
11. Two Day Workshop on "Aligning Yourself to the Publishing Process" on 23rd & 24th July at Elsevier,
12. Workshop on Multivariate statistical analysis and its interpretation using SPSS and AMOS, 6th to 8th Aug 2020, by ISAR
13. "Essentials of medical writing" organized by Indian association of medical journal editors on August 28, 2020
14. National Webinar Workshop On "Recent Advances in Survival Analysis" on 29-31, August 2020.

15. "Systematic Review and Meta-Analysis in Social Sciences" held on 23-27 Oct 2020 organized by DEEDS Andhra.
16. Participated in the three-day International Virtual Conference on Advanced Statistical Techniques in Business and Industry, A Regional Virtual Conference of International Society for Business and Industrial Statistics (ISBIS), organized by Department of Statistics, Cochin University of Science & Technology, Kerala, India during 28th -30th of December 2020.

Membership in Committees etc., (Internal/ External)

- Ethics committee member (Internal)

List of Publications

PAPER PUBLICATIONS:

1. Weekly Iron and Folic Acid Therapy in the Treatment of Anemia in Adolescents; Sarala Premkumar, Padmasani venkat ramanan, T. Gayathri; Indian Journal of Public Health Research and Development · January 2019
2. Hepatorenal profile of diclofenac sodium in wistar rats; T. Siva^{1*}, Girija Sivakumar², P. K. Sankaran³, Yuvaraj Maria Francis⁴, T. Gayathri⁵, M. Kumaresan⁴, Karunakarn Balaji⁴, Drug Invention Today | Vol 12 • Issue 6 • 2019, March 2019
3. Hepatoprotective effect of vitamin A and E on diclofenac-induced hepatotoxicity in male Wistar albino rats; Siva T^{*1}, Girija Sivakumar², Sankaran PK³, Yuvaraj Maria Francis⁴, Gayathri T⁵, Lakshmi Thangavelu⁶, Karunakaran Balaji⁷-INTERNATIONAL JOURNAL OF RESEARCH IN PHARMACEUTICAL SCIENCES, June 2019
4. Antioxidant effects of vitamin E on diclofenac-induced hepatotoxicity in male rats; Siva T^{*1}, Girija Sivakumar², Sankaran PK³, Yuvaraj Maria Francis⁴, Gayathri T⁵, Kumaresan M⁶, Karunakaran Balaji⁷; INTERNATIONAL JOURNAL OF RESEARCH IN PHARMACEUTICAL SCIENCES, June 2019
5. Comparison of Nutrition Status as Assessed by Revised IAP 2015 Growth Charts and CDC 2000 Growth Charts in Lower Socioeconomic Class School Children; Premkumar S¹, Venkatramanan P², Dhivyalakshmi J¹, Gayathri T³; The Indian Journal of Pediatrics, July 2019
6. Active case finding for Tuberculosis among migrant brick kiln workers in South India Vanishree Shrirama^{*}, R. Sriharib, T. Gayathri, Lakshmi Murali; September 2019
7. Prevalence of Hypoglycemia Among Patients With Type 2 Diabetes Mellitus in a Rural Health Center in South India V. Samya¹, Vanishree Shriram¹, Aliya Jasmine¹, G. V. Akila¹, M. Anitha Rani¹, Vanitha Durai¹, T. Gayathri¹, and Shriram Mahadevan¹; Journal of Primary Care & Community Health Volume 10: 1–7, 2019
8. Selective Susceptibility of Human Bladder Transitional Cell Carcinoma T24 Cells towards NBD Peptide;
1,*Sankari Durairajan, 1,*Charles Emmanuel Jebaraj Walter, 2Kalaiselvi Periyandavan, 3George Priya Doss C, 4Dicky John Davis G, 5Hannah Rachel Vasanthi A, 6Gayathri Thiruvengadam and 7Thanka Johnson, American Journal of Biochemistry and Biotechnology 16(2) · April 2020
9. Self-care practices and factors influencing self care among type 2 diabetes mellitus patients in a rural health centre in south India. Journal of education and health promotion

10. Disposable low-cost cardboard incubator for thermoregulation of stable preterm infant a randomized controlled non-inferiority trial Ashok Chandrasekarana , Prakash Amboirama , Umamaheswari Balakrishnana , Thangaraj Abiramalathaa , Govind Raob , Shaik Mohammad Shafi Jana , Usha Devi Rajendrana , Uma Sekarc , Gayathri Thiruvengadamd , Binu Ninana, *,December 6, 2020, EClinicalMedicine
11. Prognostic scoring system and risk stratification in patients with emphysematous pyelonephritis: an 11-year prospective study at a tertiary referral centre.Sriram Krishnamoorthy1 , Alimuddin Zumla2,3, Hariharasudhan Sekar1, Asif Muneer4, Gayathri Thiruvengadam5, and Natarajan Kumaresan1-BJU International,2020

Area of Research Expertise

- Survival Analysis

Research Project conducted (Internal/ External)

S.No	Title of the project	Investigators/Co investigators	Funding agency	Duration	Total grant
1	Screening for vascular complications among Type II diabetic patients in rural health centre.	Co investigator	Gate project	6 months	100000
2	Active surveillance for chest symptomatic and active case finding for Tb among migrant Brick Kline workers in rural area in Tamil Nadu	Co investigator	TB association	1 year	20000
3	Comparative evaluation of overall caries risk assessment and mode of delivery with occurrence of early childhood caries in infants and pre schoolers	Co investigator	Gate project	6 months	100000