

**Dr. Udaya A
Vedam
Poodamkalladukkam
Statistics
Achikkanam (PO)
Science
Kasaragod 671531**



**Assistant Professor
In Charge of HoD
Department of
Nehru Arts and
College Kanhangad**

Mob: 9946156037

Email: udayastat@gmail.com

Research Experience:

Institution : Department of Statistics
Nehru Arts and Science College, Kanhangad

Tenure : January 2014 – June 2019
Completed Research in Statistics for the Assessment of water quality based on location parameters and the thesis entitled ‘**Stochastic Modeling for Water Quality Assessment**’.

Job Experience:

Institution : Nehru Arts and Science College Kanhangad
Job Title : Assistant Professor
Tenure : February 2020 -

Institution : Nehru Arts and Science College Kanhangad
Job Title : Assistant Professor (in contract)
Tenure : June 2019 – February 2020

Institution : Government College Kasaragod
Job Title : Assistant Professor (in contract)
Tenure : September 2018 to March 2019

University : College of Agriculture,
Padannakkad,
Kerala Agricultural University

Tenure : April 2012 – December 2013

Job Title : *Senior Research Fellow* –

Engaged in Statistical Analysis and Teaching - Agricultural Statistics

(April 2012 – April 2013)

Teaching Assistant – Agricultural Statistics

(May 2013 – December 2013)

Company : KRYTHIUM SOLUTIONS Pvt. Ltd.,

Trans Asia Corporate Park
Seaport – Airport Road
Kakkanad, Kochi,
KERALA, 682037.
Ph: +91 484 3198007

Tenure : September 2007 - November 2011.

Job Title : ***Lead Data Analyst - healthcare*** (April 2010 – November 2011)

Data Analyst - healthcare (March 2008 - March 2010).

Trainee Analyst - healthcare (September 2007 - February 2008).

Technical Skills

: Experience in BASE SAS and SPSS,
Data manipulation PROCEDURES, Working with large Data sets,
SAS/Macro, and descriptive statistics,
Linux, TABLEAU, Crystal Reports, Excel, R package, Latex etc.

Personal Details:

Date of birth : 27/05/1985

Marital status : Married

Sex : Female

Nationality : Indian

Languages Known : English, Malayalam and Hindi

Topics of Interests : Reading, Traveling and Gardening

Educational Qualifications:

Year	Course	Board/University	Percentage	Position
2019	Ph.D.	Kannur University		
2007	M.Sc (Statistics)	Mahatma Gandhi Uty	87.00	Distinction
2005	B.Sc (Statistics)	Kannur Uty.	94.40	II Rank (Uty)
2002	Plus Two	Board of HSE	67.00	First Class
2000	S.S.L.C	Board of Public	83.20	Distinction

List of Publications:

- a. 'Predictive Modeling for Biological Oxygen Demand in Ground Water', International Journal for Control Theory and Applications, 9(22), 2016, pp. 57-65.
- b. 'Stochastic Modeling for Coliform Count Assessment in Ground Water', Journal of Statistical Science and Application (ISSN 2328-224X, USA), 5(2017) 64- 79
- c. 'Novel method of runner vine production for black pepper in protected structures', National Seminar on Planting Material Production in Spices, Directorate of Arecanut and Spices Development, Calicut, April 21 – 22, 2016, pp – 111 – 114
- d. 'Predictive Modeling for Hardness in GroundWater', Academia Nehru Arts and Science College Kanhangad Journal, 2018 Vol.3 , pp – 31-40
- e. 'COVID-19 Vaccine Effectiveness in Preventing Severe Infections and Mortality among Patients in Kerala, India.' Digital Journal of Clinical Medicine. 2023; 5(5): 194-208

Details of Seminars/Workshops/Conferences attended

1. Presented a paper entitled "Stochastic Modeling for Water Quality Assessment", ICSTC-2015, International Seminar on Statistics for Twenty First Century-2015, University of Kerala, December 17-19, 2015, pp – 74
2. Presented a paper and a poster entitled "Novel method of runner vine production for black pepper in protected structures", National Seminar on Planting Material Production in Spices, Directorate of Arecanut and Spices Development, Calicut, April 21 – 22, 2016, pp – 111 – 114
3. Participated in the two-day national seminar on 'Concepts and Trends in Research Methodology', Research Centre, Kannur University Central Library, Kannur University Campus, Mangattuparamba, 10-11 June, 2014
4. Participated in the one-day workshop on 'Research Methodology', Swasraya Bharat 2014, The Science Festival of Kerala, NAS College Kanhangad, 17 October 2014
5. Participated in the three-day national workshop on 'Data Analysis Using R', Department of Statistical Sciences, Kannur University Campus, Mangattuparamba, 5-7 March, 2015
6. Participated in the one-day orientation programme on 'Anti Plagiarism', Kannur University Campus, Civil Station, Kannur, 22 June, 2016
7. Participated in the one-day seminar on 'Need of Statistical Measurements for Arts, Commerce and Science Students' as resource person, Nalanda College of Arts and Science, Perla, 27 June 2016
8. Completed a course on ' Linear Regression for Business Statistics' by Rice

University offered through COURSERA, May 2020

9. Completed a course on ' Probability and Statistics: to p or not to p' by University of London offered through COURSERA, May 2020
10. Participated in 'Faculty and student development program' Organized by Research Foundation of India, 15 – 19 March 2021
11. Participated in one month Innovation Ambassador Training (Foundation Level) Conducted by MoE's Innovation Cell & AICTE, 30 June 2021 to 31 July 2021
12. Participated in one week 'Faculty and student development program' Organized by Kerala State Higher Education Council, 01 – 06 September 2021
13. Participated in a one month Faculty Induction Program by HRDC Kannur University, 23 November 2021 to 22 December 2021.
14. Participated in 14 days Refresher Course in Mathematics and Astronomy by UGC-HRDC Calicut University, 28 September 2023 to 12 October 2023.

Papers Reviewed

1. Reviewed a paper entitled ' Public Health Implications of Coliform Contaminants in Locally Brewed, Commercially Hawked Herbal Remedies Sold in Port Harcourt' in journal of Advances in Microbiology, July 2021.
2. Reviewed a paper entitled Research designs and statistical methods in Myanmar Health Sciences Research Journal: a review of articles published during 2009 to 2019' in Asian Journal of Medical Principles and Clinical Practices, September 2021.

Positions Held

1. Research Supervisor in Statistics at Kannur University From 2022 September onwards
2. College Coordinator of Young Innovators Programme , KDIC, Government of Kerala
3. Innovation Ambassador of Institution Innovation Council, Ministry of Education's Innovation Cell, Government of India
4. Member of Kerala Statistical Association
5. Member of NASC Women Cell
6. Member of CCIG NASC
7. Department Quality Assurance Cell Coordinator, Department of Statistics, NAS College Kanhangad
8. Kannur University Examination Inspection squad member from March 2023 onwards
9. In charge of HoD from 2023 June onwards

References:

Dr. M Kumaran

Research Guide

Nehru Arts and Science College
Kanhangad
Padannakkad (PO)
Ph: 9446169009
Dr. K.V Murali
Principal
Nehru Arts and Science College
Kanhangad
Padannakkad (PO)
Ph: 9446061626

Declaration

I hereby declare that the above-furnished details are true and correct to the best of my knowledge.

Dr. Udaya A