Faculty Profile

Dr. N. Udaya Prakash, M.Sc, M.Phil, Ph.D
Assistant Professor, Mathematics

HIGHLIGHTS:

- Number of Journal Publications: 07
- H-Index: 02

PROFESSIONAL LINKS:

- Scopus ID:
- Scopus Link:
- Google Scholar ID:
  https://scholar.google.com/citations?user=kbcsuzAAAAAJ&hl=en&authuser=1
- Anna University Faculty ID:
- AICTE Faculty ID: 1- 3251546756
- Anna University Supervisor ID:
- LinkedIn: https://www.linkedin.com/in/udaya-prakash-narayanasamy-53469a36
- Research gate ID : https://www.researchgate.net/profile/Udaya-Prakash-2

PROFESSIONAL BACKGROUND:

- Teaching Experience till date: 18 Years
- Industrial Experience: Nil

AREA OF SPECIALIZATION:

- Quantitative Techniques in Decision Science

- Probability Distributions

- Operation Research

- Predictive Modeling and Analytics

- Statistical Inference in Machine Learning

PUBLICATION DETAILS (If any):

- Muthukrishnan R and **Udaya Prakash N** (2023). A Validate model endorsed for Support Vector Machine alignment with Kernel Function and Depth concept to get superlative accurateness. International Journal of Basic Sciences and Applied Computing (IJBSAC), 9(7).

- Muthukrishnan R and **Udaya Prakash N** (2023). Designing a better Support Vector Machines classification model for multi-class category. International Journal of Science and Research (IJSR), 12(2), 905-909.

- Muthukrishnan R and **Udaya Prakash N** (2022). Exploration of Kernel Functions in Support Vector Classification. International Journal of Statistics and Reliability Engineering, Vol. 9(2), 318-321.

- Muthukrishnan R and **Udaya Prakash N** (2019). Performance of Classification Techniques along with Support Vector Machine. International Journal of Innovative Technology and Exploring Engineering (IJITEE), 9(2), 4366-4369.

- **Udaya Prakash N** and Balaji S (2017). Consumption & Satisfaction Level of Sugar Free Sweeteners among Diabetic Patients: An Empirical Analysis. International Journal of Economic Research, 14(1).

- **Udaya Prakash N** and Balaji S(2017). Explorations of Various Statistical Techniques in Marketing. Golden Research Thoughts,

PROFESSIONAL SERVICE AS ANALYTICS CHAIR / PANEL MEMBER

- Talk in the Statistics Day -2019, "Importance of Classification Techniques," for GSK Asia Pvt Ltd. Biostatistics (India), GSK Bangalore office, Bangalore, Karnataka. 2019.
- Session Chair, GLM - CLD - RR Donnelley Trailblazer Program - Phase – II, Chennai.
- Session Chair, GLM - CLD - RR Donnelley Trailblazer Program - Phase- I, Chennai.
- Session Chair, GLM – Internship presentation for PGDM (2018 – 23) – Analytics Committee
- Session Chair, GLM - Nasmei Conference December (2020 – 2023) – Analytics Panel

ACHIEVEMENTS AND AWARDS:

- Article Publication featured in **ET Brand Equity**, can be accessed https://brandequity.economictimes.indiatimes.com/news/research/how-did-indianhouseholds-cope-with-the-covid-crisis/82541029 https://drive.google.com/file/d/19TD_y98Qlmn0aju0DZ3dYKLpnygDjc1-/view

- Chief Superintendent - Consortium of Self - Financing Professional, Arts & Science College for GKM College of Engineering & Technology for the year (2015-2016).

- Best Performer award from GKM Engineering College for the Department of Mathematics in the year 2010 and 2014.
- Best Performer for the Subject in the Department of MBA by GKM Engineering College 2009 and 2008.

PAPER PRESENTATIONS IN INTERNATIONAL CONFERENCE:

- Udaya Prakash, International Conference on Applied Mathematical models (ICAMM 2023), "A Validate model endorsed for Support Vector Machine alignment with Kernel Function and Depth concept to get superlative accurateness," Department of Mathematics, PSG College of Technology, Coimbatore, Tamil Nadu, India. (January 6, 2023).

- Udaya Prakash, International virtual Conference on Progress in Mathematics towards Industrial Applications (PMTIA-2022), "Influential Kernel Study intended for Support Vector Classification," Department of Mathematics, SRM, SRMIST, Ramapuram,, Chennai, Tamil Nadu, India. (October 29, 2022).

- Udaya Prakash, Sixth International Webinar on Recent Trends in Statistical Theory and Applications - 2022, "Exploration of Kernel functions in Support Vector Classification," School of Physical & Mathematical Sciences, University of Kerala, Department of Statistics, Trivandrum, Kerala. (July 2, 2022).

- Udaya Prakash, International Conference on Recent Strategies in Mathematics and Statistics (ICRSMS2022), "Functioning Choice of Kernels Intended for Multi-Class Grouping in Support Vector Machine," Indian Institute of Technology Madras Collaboration with Stella Maris College, Department of Mathematics, Stella Maris College, Chennai, Tamil Nadu, India. (May 19, 2022).

- Udaya Prakash, 3rd International Conference on Mathematics Techniques and Applications (eICMTA-2022), "Support Vector Machines for Multi-class category - A review," Department of Mathematics, SRM University, Kattankulathur, chennai, Tamil Nadu, India. (March, 2022).

- Udaya Prakash, International Conference on Advances in Statistical Methods and Applications (ICASMA – 2022), "Operational Choice Support Vector Machine Intended for Multi- Class", Organized by the Department of Statistics, University of Madras during 24 – 25 January 2022.

- Udaya Prakash, International Conference organized by Department of Statistics & Centre for Advanced Studies, "Classification using Support Vector Machines," Savitribai Phule Pune University, Savitribai Phule Pune University, Pune, Maharashtra. (January 2020).

WORKSHOPS /FDP/ SEMINARS ATTENDED:

- Workshop : "NASMEI - Doctoral Symposium," Great Lakes Institute of Management, Chennai, Tamil Nadu, India. (December 16, 2022 - December 18, 2022).

- "Virtual Workshop "Reliability Modeling and Its Applications," Department of Mathematics, SRM, Chennai, Tamil Nadu, India. (August 24, 2022 - August 26, 2022).

- Workshop, "International Webinar on Statistical Methods For Some Special Areas Of Applications," PRESIDENCY COLLEGE (AUTONOMOUS), Chennai, Tamil Nadu, India. (July 20, 2021 - July 21, 2021).

- Conference Attendance, "Fifth International Webinar on Recent Trends in Statistical Theory and Applications2021 (WSTA– 2021)," DEPARTMENT OF STATISTICS University of Kerala, Trivandrum, Kerala, India. (June 29, 2021 - July 2, 2021).

- Workshop, "A Language and Environment for Statistics Computing and Graphics," Vignan's University, Guntur, Andhra Pradesh, India. (June 29, 2021 - June 30, 2021).

- Faculty Internship, "International Virtual FDP "Frontiers of Mathematics"," "1 Decembrie 1918 University" of Alba Iulia, Romania association with SRMIST, Ramapuram, Chennai, Tamil Nadu, India. (May 19, 2022 - June 2, 2022).

- Faculty Internship, "Ten Days International Virtual FDP "Frontiers of Mathematics"," Department of Mathematics, SRMIST, Chennai, (July 19, 2021 - July 28, 2021).

- Faculty Internship, "EMERGING TRENDS IN STATISTICS WITH SPECIAL REFERENCE TO APPLICATIONS IN PUBLIC AND PRIVATE SECTOR," VISHWAKARMA UNIVERSITY,, Pune, Maharashtra, India. (June 29, 2021).

- Faculty Internship, "Three- Day Faculty Development Program Sponsored by TEQIP-III RTU (ATU) on "Research Applications in Machine Learning and Deep Learning"," TEQIP-III RTU (ATU), B K Birla Institute of Engineering & Technology, Pilani., Pilani, Rajasthan. (December 18, 2020 - December 20, 2020).

- Conference Attendance, "International Webinar on Statistical Application in Clinical Trials," Manonmaniam Sundaranar University, Tirunelveli, India. (December 7, 2020).

- Webinar, "Diagnostic and Remedial Measure for Common Errors in Application of Statistics," Navsari Agricultural University, Gujarat, Gujarat. (October 20, 2020 - October 21, 2020).

- Workshop, "National workshop on Statistical Machine Learning Techniques," Bharthiar University Coimbatore, India. (March 13, 2019).

- Workshop, "Pre- Conference workshop on Micro Finance for Macro Development," Shri Dharmasthala Manjunatheshwara Institute for Management Development (sdmimd), Chennai, Karnataka. (November 22, 2018).

- Workshop, "National workshop on Statistical Analysis using R (NWSAR-2018)," Bharthiar University, Coimbatore, India. (September 6, 2018 - September 7, 2018).

- Workshop, "Bayesian Analysis and Big Data Analytics," Bharathiar University, Coimbatore, Chennai, India. (January 3, 2018 - January 4, 2018).

- Workshop, "Meta Analysis," Institute for Statistical and Analytical Research (ISAR), Chennai, India. (June 7, 2017). Continuing Education Program, "Research Metholody, Statisticial Data Analysis and Interpretation using SPSS & AMOS," Institute for Statistical and Analytical Research (ISAR), Chennai, India. (May 5, 2017 - May 7, 2017).

- Workshop, "Warp – PLS – A Statistical Tool for Analysis for Management," Madurai Kamaraj University,Madurai, India. (April 7, 2017).