

Faculty Name: Indika Wickramasinghe, Ph.D. **Work Address:** P.O. Box 519; MS 1060
Prairie View, TX 77446

Position Title: Associate Professor

Office Location: WR Banks #330

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Education:	Degree and Area of Study	Institution Name
	Ph.D. in Mathematics	Texas Tech University
	MS in Statistics	Texas Tech University
	MS in Operations Research	University of Moratuwa, Sri Lanka
	BS in Mathematics	University of Kelaniya, Sri Lanka

Teaching Experience	Position Title	Institution Name	Position Dates
	Associate Professor	Prairie View A&M University	Sep, 2021-Present
	Assistant Professor	Prairie View A&M University	Sep 2016-Sep 2021
	Assistant Professor	Eastern New Mexico University	Aug 2021-July 2015
	Graduate Part-time Instructor	Texas Tech University	Aug 2006-July 2012
	Lecturer	University of Kelaniya, Sri Lanka	Oct 2000-July 2006

Professional Publications:

Indika Wickramasinghe (2022), Applications of Machine Learning in cricket: A systematic review, Machine Learning with Applications, Volume 10, 2022.

Wickramasinghe, I., Kalutarage (2021), H. Naive Bayes: applications, variations and vulnerabilities: a review of literature with code snippets for implementation. Soft Computing. <https://doi.org/10.1007/s00500-020-05297-6>

Wickramasinghe, I. (2020). Naive Bayes Approach to Predict the Winner of an ODI Cricket Game, Journal of Sports Analytics, 6(2), pp. 75-84.

Haghighi, A., **Wickramasinghe, I. (2020)**. Probability, Statistics, and Stochastic Processes for Engineers and Scientists. Boca Raton: CRC Press, <https://doi.org/10.1201/9781351238403>

Indika Wickramasinghe (2019), Log-linear Models: Construction and Application in Accessing Academic Performance, Applications and Applied Mathematics, Vol. 14(1), pp. 63 - 75.

Indika.Wickramasinghe (2017), 'Attribute Noise, Classification Technique, and Classification Accuracy', Data Analytics and Decision Support for Cybersecurity, I.P. Carrascosa et al. (eds.), Springer International Publishing, 212-231, DOI 10.1007/978-3-319-59439-2_7.

Ananda Bandulasiri, Tom Brown, **Indika Wickramasinghe, (2016)**. Characterization of the result of one day format of cricket, Operation Research and Decisions. Vol 26 (4)), pp. 21-32.

Harsha K. Kalutarage, Siraj Ahmed Shaikh, **Indika P. Wickramasinghe**, Qin Zhou, Anne E. James **(2015)**: Detecting stealthy attacks: Efficient monitoring of suspicious activities on computer networks. Computers & Electrical Engineering 47: 327-344.

Additional Trainings/Skills: Python, R, Matlab, Maple, Minitab, SPSS, MS Office