Curriculum Vitae

Faculty Name:	Harshica Fernando	**Work Address:**	P.O. Box 519; MS 2215 Prairie View, TX 77446
Position Title:	Assistant Professor		
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Education:	**Degree and Area of Study**	**Institution Name**	**Degree Date**
	Ph.D (Chemistry) Biophysical Chemistry	University of Illinois at Chicago, Chicago, IL	May, 1998
	B.S Chemistry (Honors)	University of Colombo, Sri Lanka	June, 1991

Teaching Experience	**Position Title**	**Institution Name**	**Position Dates**
	Adjunct Assistant Professor	Prairie View A&M University	Sep 2017-Aug 2018
	Senior Lecturer	University of Colombo, Sri Lanka	May 1998-Feb 2003
	Teaching Assistant	University of Illinois at Chicago, Chicago, IL	Aug 1993-May 1996
	Lecturer	University of Colombo, Sri Lanka	June 1991-Aug 1993

1. Williams, B., Gautam, I., Grady, T., and Fernando H. Redox Properties and Temperature Dependence of Silver Nanoparticles Synthesized using Pasteurized Cow and Goat Milk. Green chemistry letters and reviews. 15, 69-80, 2022.
2. Fernando, H and Amarasekara, A. S. The effect of Dicarboxylic acid catalyst structure on hydrolysis of Cellulose Model compound D-Cellobiose in water. Current Organocatalysis: Vol 8, 2021.
3. Fernando, H and Amarasekara, A. S. Interactions of Cellulose Model Compound D-Cellobiose with Selected Metal Chlorides in Water: Identification of Chelating Oxygen Atoms. Euro. Org. Chem. 4968-4973, 2021.
4. Rowe, G. R., Fernando, H., Elfrink, C., Ansari, S., Sullivan, J., Heathman, T., Quigg, A., Petronella, S., Wade, T., and Santsch, P.H. Polycyclic Aromatic Hydrocarbons (PAHs) cycling and fates in Galveston bay, Texas, USA. PLoS One 2020, 15, e0243734.
5. Amarasekara, A. S., Ali, S. R., Fernando, H., Sena, V., and Timofeeva, T. V. A comparison of homogenious and hetrogenious Bronsted acid catalysts in the reactions of meso-erythritol with aldehyde/ketones. SN Applied Sciences 1, 212, 2019.
6. Fernando, H., Ju, H., Kakumanu, R., Bhopale, K.K., Croisant, S., Elferink, C., Kaphalia, B.S., and Ansari, G.A.S. Distribution of petrogenic polycyclic aromatic hydrocarbons (PAHs) in seafood following Deepwater Horizon oil spill. Mar. Pollut. Bull. 145, 200-207, 2019.

Additional Trainings/Skills:	College teaching and learning; a UTMB course conducted by Teaching-Learning Enhancement Center of University of Houston	UTMB
	The Laboratory Safety Institute (Laboratory Safety Course)	UTMB
	Hazardous Materials, Dangerous Goods, and Infectious Substances, Transportation Training Program	UTMB
	Online Teaching Courses Introduction to Teaching online and Getting ready for quality maters	PVAMU