



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. Vu, B., Brosamer, K., McDaniel, N., Kourentzi, K., Willson, R., Fernando, H. Glow ELISA”: sensitive immunoassay with minimal equipment and stable reagents *Analyst*, 2023,148, 5582-5587.
2. Amarasekara, A. S., Nwankwo, V. C., and **Fernando, H.** Hydroxy sulfonic acid catalyzed hydrolysis of cellulose. *Biofuels* 2023, 1-7.
3. Gautam, I., Grady, T., and **Fernando H.** Degradation of the dye methyl orange using cow and goat milk iron nanoparticles. *Green Chemistry Letters and Reviews*. 2023, 6, 2174818.
4. 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.
5. **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.
6. **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.

**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 matters	PVAMU