



Department of Chemistry
Faculty of Science / University of Peradeniya



Dr. Sasitha C. Abeyweera

B.Sc. (Perad.), Ph.D. (Temple U, USA)

Senior Lecturer

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About Me

Sasitha Abeyweera is a chemist working in the fields of functional nanomaterials synthesis, electrocatalysis and photocatalysis. He graduated with BSc (Chemistry Special) degree at University of Peradeniya and completed his PhD at Temple University, USA.

Higher Education Qualifications



PhD

Temple University
USA
(2020)



BSc

University of Peradeniya
Sri Lanka
(2014)

Awards, Scholarships, Memberships & Fellowships



Swarn Award for outstanding graduate level research- Chemistry Department, Temple University, USA- 2019



Guy Allen Award for outstanding Teaching, Chemistry Department, Temple University USA- 2018

Positions Held



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My Teachings



Nothing to show under this subheading !!!

Research Interests (Research Fields/ Projects)

The research focuses on the synthesis of nanomaterials, their characterization, and the exploration of their catalytic properties. Specifically, the synthesis efforts center on inorganic materials such as Ag, AgS, MoS₂, and LDHs, employing hydrothermal and electrochemical methods to achieve nanoscale dimensions. Based on their properties, these materials are further investigated for their electrocatalytic applications, particularly in CO₂ reduction and water splitting.

Ongoing Research and Projects



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Key Publications



Nothing to show under this subheading !!!

Conferences



Nothing to show under this subheading !!!

My Publications

Please goto the website.

<https://sci.pdn.ac.lk/chemistry/staff/Sasitha-Chathuranga>