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)

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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

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Positions Held



Nothing to show under this subheading !!!

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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, MoS?, 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 CO? reduction and water splitting.

Ongoing Research and Projects

Nothing to show under this subheading !!!

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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

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