Department of Chemistry

Faculty of Science / University of Peradeniya



Prof. R.M. Gamini Rajapakse

B.Sc. (Perad.), Ph.D. (London, UK)

Senior Professor

malavi@pdn.ac.lk

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Higher Education Qualifications

PhD

Imperial College of Science, Technology and Medicine,
University of London
UK
(1988)

BSc

University of Peradeniya
Sri Lanka
(1983)

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Awards, Scholarships, Memberships & Fellowships

- CVCD award for most outstanding senior researcher in physical sciences-2014
- Presidentail awards for scientific publications-13 pubications
- NSF SUSRED award 2013
- Nature’s secrets award for best commercially-viable research-2013
- NSF SUSRED award 2012
- The NSF research award for scientific excellence 2012
- NSF SUSRED award 2011
- Presidential awards 2010
- Hiran Thilakeratne award for best research in chemistry 2009
- Devanathan memorial award and silver medal 1977
- TWAS/NARESA prize for young scientists 1995
- SLAAS best research award 1993
- Hayleys studentship for the best performance in overall chemistry at B.Sc. special degree in chemistry year-end examinations
- Based on merit: 1980-1981 2nd Year Undergraduate (Special Degree 1st year)
- Based on merit: 1981-1982 3rd Year Undergraduate (Special Degree 2nd year)
- Based on merit: 1981-1982 4th Year Undergraduate (Special Degree 3rd year)

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Positions Held

Senior Professor in Chemistry

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My Teachings

Nothing to show under this subheading !!!

Research Interests (Research Fields/ Projects)

- Advanced Textiles
- Clay-polymer Nanocomposites
- Advanced Textiles
- Hydroxyapatite Coatings on Stainless Steel and Titanium Prostheses
- Dye-sensitized Solar Cells
- Low-cost Electrodes for Oxygen Reduction in Fuel Cells
- Conversion of Local Minerals into Value-added Nanomaterials
- Low-cost Catalysts for Supercritical Water-assisted Green Energy Production
- Slow-release Fertilizers Derived from Ammonium and Phosphate Encapsulated Hollow
- Hydroxyapatite Nanoparticles
- Eradication of Chronic Kidney Disease of Unknown Origin Prevailing in Some Agricultural Parts of Sri Lanka
- Transparent Conducting Oxide 1-D Nanomaterials
- Graphene from Local Graphite
- Slow-release Anticancer Drugs Derived from Hollow Hydroxyapaticles
- Electronically Conducting Polymers
- Advanced Electroanalytical Chemistry

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/Gamini-Rajapakse

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