Department of Botany

Faculty of Science / University of Peradeniya



Prof. Sumudu. C. K. Rubasinghe

B.Sc.(Perad.), M.Phil. (Perad.), Ph.D. (Edinburgh, UK)

Head of the Department / Professor in Botany

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About Me

Joined the Department in 2006 as a Lecturer (Probationary) and proceeded to the University of Edinburgh, United Kingdom in September 2007. Awarded with the PhD in Plant Molecular Phylogenetics and Taxonomy. Returned to the Department in 2011 as the first trained bryophyte systematist of Sri Lanka. Initiated research on taxonomy, biogeography and molecular phylogenetics of Sri Lankan bryophytes. Teaching expands in the fields of plant diversity, phytogeography, evolution and diversity of cryptogrammic plants, angiosperm morphology and anatomy and analytical methods in molecular biological sciences.

Higher Education Qualifications

PhD

University of Edinburgh
UK
(2011)

MPhil

University of Peradeniya,
Postgarduate Institute of Science,
University of Peradeniya
Sri Lanka
(2007)

BSc

University of Peradeniya
Sri Lanka
(2002)

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Awards, Scholarships, Memberships & Fellowships

- Sri Lanka Association for the Advancement of Science Sri Lanka (SLASS)
- British Bryological Society
- Systematics Association
- NRC Merit award for scientific publication – 2014
- Darwin Trust Postgraduate Research Scholarship Edinburgh, U.K. 2007 – 2010
- FfWG Main Grant for Postgraduate Study and Research, U.K. 2010 – 2011
- University of Peradeniya Scholarship 2002
- Professor M.D. Dassanayake Gold Medal in Botany 2002

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Positions Held

- Secretary, Board of Study in Plant Sciences
- Senior Student Counselor
- Secretary, Science Teachers' Association, University of Peradeniya (UPSTA)
- Member, Board of Study in Plant Sciences
- Member, Faculty Web Committee, University of Peradeniya
- Senior Treasurer, Botanical Society, University of Peradeniya

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My Teachings

- BT202: Plant Diversity II
- BT205: Angiosperm Morphology and Anatomy
- BT301: Analytical Methods
- BT417: Phytogeography
- BT418: Evolution and Diversity of Cryptogammic Plants

Research Interests (Research Fields/ Projects)

Plant Molecular Systematics and Taxonomy, Biogeography, Bryology, Biomonitoring, Climate Change, Phytofabrication, Evolution and Diversity of Plants, Biodiversity and Conservation of Sri Lankan Flora, Taxonomy and Evolution of Lower plants of Sri Lanka.

Ongoing Research and Projects

- **Molecular Phylogenetics, Biogeography and Conservation of Sri Lankan Bryophytes**
- **Biomonitoring and climate change**
- **Phytofabrication of Silver nanoparticles and antimicrobial activity of bryophytes**

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Key Publications

Cryptogamie, Bryologie - (2016)

Two new records of Sri Lankan hornworts, Notothylas javanica (Notothyladaceae) and Megaceros flagellaris (Dendrocerotaceae).

Journal of Bryology - (2014)

Bryophytes of Sri Lanka: a review of past exploration and taxonomic research and priorities for the future.

Conferences

First National Workshop on Bryophytes in Sri Lanka

HELD AT : Royal Botanic Garden Peradeniya - (2012)

My Publications

Please goto the website.

https://sci.pdn.ac.lk/botany/staff/Sumudu-Rubasinghe

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