



## Department of Molecular Biology & Biotechnology Faculty of Science / University of Peradeniya



### Prof. R. G. S. C. Rajapakse

*B.Sc. (Perad.), M.Phil. (Perad.), Ph.D. (Hokkaido, Japan)*

**Dean / Senior Professor**

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### About Me

B.Sc., M.Phil. (University of Peradeniya), Ph.D., (Hokkaido University, Japan); Senior Professor in Molecular Biology and Biotechnology (2022 to date), Professor (2014-2022); Dean, Faculty of Science (2022 to date) University of Peradeniya, Sri Lanka; Chairman/ National Institute of Fundamental Studies, Sri Lanka (2025 to-date); Elected Fellow of the National Academy of Sciences, Sri Lanka (since 2025), Member, Research Council, National Institute of Fundamental Studies (UGC Nominee - 2022 to 2025), Chairman, Board of study in Biochemistry and Molecular Biology, Postgraduate Institute of Science, University of Peradeniya (2017-2022) Member of the Institute of Biology and Institute of Chemistry Ceylon., Google Scholar h-index of 18; 1458 citations; Several National prestigious Awards for Excellence in Research including Presidential Awards for research publications (2004, 2007, 2012, 2013, 2014); SUSRED award, NRC merit award, JSPS Invitation fellowship (long term-2013), JSPS Invitation fellowship Short term - 2023) Research interest: Dissecting molecular mechanisms of ovulation in vertebrates, hydrolytic enzymes, protease inhibitors from Sri Lankan flora, Rhizobial genetics and studies on oral pathogenic microbes

### Higher Education Qualifications



**PhD**

Hokkaido University  
Japan  
(2006)



**MPhil**

University of Peradeniya  
Sri Lanka  
(2002)



**BSc**

University of Peradeniya  
Sri Lanka  
(1997)

## Awards, Scholarships, Memberships & Fellowships



**2014** SUSRED Award, National Science Foundation, Sri Lanka



**2014** Presidential awards for Research



**2013** Post-Doctoral Fellowship (Invitation Fellowship) - Japan Society for Promotion of Science



**2013** Presidential awards for Research



**2012** Presidential awards for Research



**2007** Presidential awards for Research



**2004** Presidential awards for Research



**2002-2006** Japanese Government Monbukagakusho Scholarship for PhD Studies



**2010 to date** *University of Peradeniya Science Alumni Association UPSAA (Life member)*



**2000- to date** *Sri Lanka Association for the Advancement of Science (SLAAS) (Life member)*



**2007 to date** *Institute of Chemistry, Sri Lanka, member*













**2010 to date** *Institute of Biology, (Life member)*

## Positions Held

-  **Chairman**, National Institute of Fundamental Studies, Sri Lanka- (2025 April to date)
-  **Dean**, Faculty of Science, University of Peradeniya- (2022 April to date)
-  **Member**, Research Council, National Institute of Fundamental Studies (UGC Nominee)- (2022 August to 2025)
-  **Head**, Department of Molecular Biology and Biotechnology- (2019 July to 2022 April)
-  **Member**, Governing Council of the University of Peradeniya, Sri Lanka- (2019 October to date)
-  **Member**, Board of Management, Postgraduate Institute of Science, University of Peradeniya- (2017 April to date)
-  **Chairman**, Board of study in Biochemistry and Molecular Biology, Postgraduate Institute of Science, University of Peradeniya- (2017 April to date 2022 April)
-  **Director**, Science Education Unit, Faculty of Science- (2017 April to 2019 August)
-  **Chairman**, Quality Assurance Committee, Faculty of Science 2016 to date
-  **Deputy Proctor**, Faculty of Science- ( 2016 )
-  **Head**, Department of Molecular Biology and Biotechnology- ( 2011 to 2013 )
-  **Acting Head**, Department of Molecular Biology and Biotechnology- ( June-August 2014 )
-  **Chairman**- Curriculum Development Committee, Faculty of Science, University of Peradeniya- ( 2010 to 2013 )
-  **Acting Secretary** - Board of study in Biochemistry and Molecular Biology, Postgraduate Institute of Science- ( June to Aug.2014 )
-  **Faculty Representative** - Staff development Centre, Planning Committee, University of Peradeniya- ( 2012 to 2013 )
-  **Member**, Technical evaluation Committee (Laboratory Chemicals and Laboratory equipments, Faculty of Science, University of Peradeniya- ( 2011 to date )
-  **Member**, Editorial Board of the Ceylon Journal of Science (Biological Science)- ( 2007 to 2015 )
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## My Teachings

-  BL120: Introduction to Biotechnology and its Applications
-  MB221: Enzymology
-  MB311: Molecular Cell Biology
-  MB333: Molecular Phylogenetics
-  MB401: Molecular Biology of Plant and Animal Diseases
-  MB441: Special Topics in Cell and Molecular Biology
-  MB491: Molecular Developmental Biology
-  MB492: Applications of Nanobiotechnology
-  MB495: Seminar
-  MB499: Research Project

## Research Interests (Research Fields/ Projects)

Hydrolytic enzymes in Sri Lankan carnivorous plants, Protease inhibitors from Sri Lankan plants, Human and mouse Kallikreins, Anti microbial activities of modified fabrics, Genetic diversity of Rhizobia

## Ongoing Research and Projects



Nothing to show under this subheading !!!

## 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/molecular/staff/Sanath-Rajapakse>