



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



**Dr. Chandima Dhanapala**

*B.Sc. (Perad.), M.Sc. (Saga, Japan), Ph.D. (CMB)*

**Head of the Department / Senior Lecturer**

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🔗 #

**Higher Education Qualifications**

🎓 **PhD**

University of Colombo  
Sri Lanka  
(2018)

🎓 **MSc**

Saga University  
Japan  
(2003)

🎓 **BSc**

University of Peradeniya  
Sri Lanka  
(2000)

## Awards, Scholarships, Memberships & Fellowships



Japanese Government Monbukagakusho Scholarship (2001- 2003)



World Bank HETC Scholarship (2011- 2015)

## Positions Held



Senior Student Counselor- (2017 to 2021)



Member of Safety committee, Faculty of Science- (2017 to 2021)









Member of Environmental Management Committee, Faculty of Science- (2017 to date)



Member of Web Developing committee, Faculty of Science- (2017 to date)








## My Teachings

-  BL100: Basic Life Sciences
-  MB211: Cell and Tissue Culture
-  MB331: Fermentation Technology
-  MB416: Environmental Biotechnology
-  MB491: Molecular Developmental Biology
-  MB495: Seminar
-  MB499: Research Project

## Research Interests (Research Fields/ Projects)

Micro propagation of endemic plants, Wide hybridization of rice,  
Hormonal regulation of plant growth and development

## Ongoing Research and Projects

-  **Identification and characterization of type of mutation present in three Sri Lankan dwarf rice varieties**
-  **Expression of a some Aux/IAA genes in rice during Salicylic Acid treatment and Rice Blast Infectionn**
-  **The effect of salt stress on expression of some Aux/IAA genes in different rice varieties in Sri Lanka**
-  **Expression of a few Aux/IAA genes in some selected rice varieties under the stress induced by Mannitol and Polyethylene Glycol**
-  **Analysis of genetic diversity and population structure of Colletotricum sp. on different fruit and vegetables in Sri Lankan market**
-  **Genetic diversity of potential strains of Trichoderma isolates for biological control**
-  **Isolation and identification of few helo-tolerant fungi in food**

## Key Publications



The Plant Journal - (2016)

Calcium/calmodulin regulates plant auxin response through the dual specificity phosphatase IBR5.



Ceylon Journal of Science (Bio. Sci.) - (2015)

An automated system for analyzing agarose and polyacrylamide gel images.

## Conferences



Nothing to show under this subheading !!!

## My Publications

Please goto the website.

<https://sci.pdn.ac.lk/molecular/staff/Chandima-Dhanapala>