

Full Curriculum Vitae

Full Name - Mr. Padmakantha Samidhi Banda Wanduragala

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Nationality-Sri Lankan

Carrier summary.

Educational Qualifications & Experience :

➤ **G.C.E. A/L 1979(University Entrance)**

Botany	-	A
Zoology	-	C
Chemistry	-	C
Physics	-	S

➤ **University degrees (University of Peradeniya Sri Lanka)**

BSc – Botany Special Degree – 1984

Principal subject - Botany

Subsidiary subject - Chemistry

MSc –2004(Major in Plant Physiology)

PhD(Major in Bio physics – Thesis submitted)

Teaching Experience

- ❑ 1984/85 – Academic year – Demonstrator Botany Dept, Faculty of Science, University of Peradeniya, Peradeniya.
 - ❑ 1986-1988 – Research Assistant - Research was carried out to determine the effect of stress factors on a water fern called Azolla. The photoacoustic instrument was operated for the **1st time in Sri Lanka** to determine the photosynthetic rate in Azolla.
 - ❑ 1989 – Demonstrator – Botany Dept Botany Dept, Faculty of Science, University of Peradeniya, Peradeniya.
 - ❑ 1990 – Assistant Lecturer – Temporary – Botany Dept, Faculty of Science, University of Peradeniya, Peradeniya.
- 1991-2011- Lecture –Plant Science –For External Science Undergraduates, &London A/L students.

Current post

Secretary – Institute of Fundamental Studies - Kandy – Sri Lanka

Publications.

1984-PHYTA-Journal .Influence of cotyledons on accumulation of phytoalexins in *Phaseolus vulgaris*.

Effect of electromagnetic potential gradient ,Ca²⁺ and starch statoliths , on the un-even distribution of auxins in plants. Annual congress –Post Graduate Institute of Agriculture(PGIA), University of Peradeniya, Sri Lanka.2009.

International Publications

Effect of stress factors on an environmentally friendly Bio –fertilizer ,*Azolla*.14th Annual Global Warming International conference &Expo –Boston –USA .2003.

Effect of salinity on Rice-16th Annual Global Warming International conference &Expo –New York-USA.2005.

The effect of PH gradient on the un-even distribution of auxins in Plants.6th International conference on Plant Neuro Biology-2011-Fukukoa –Japan.

International Awards

Won the international Green Apple Award for introducing low cost domestic compost units in North Western of Sri Lanka,2005.The Award ceremony was held at House of Commons in London .UK The Bronze Award was won in Asia.

Won the international Green Apple Award for screening an environmentally friendly Bio fertilizer for Rice cultivation in Sri Lanka. 2007. The Award ceremony was held at House of Commons in London .UK.2007.The silver award was won.

Extra Curricular Activities

- (a) Represented the school cricket team 1974
- (b) Best Cricketers award – 1975
- (c) Represented the school 1st eleven cricket team. 1976
- (d) Secretary to the Botany Society of the Dept – 1983 university of Peradeniya.