

FIELD VISITS & GUEST LECTURES

SUMMARY 2023

**Department of Plant Sciences
Faculty of Agriculture
Rajarata University of Sri Lanka**

Report on Field visits – 2023

Department of Plant Sciences

Subject	Batch	Lecturer/s in Charge	Place
PS 4102 – Plantation Crop Technology II	2017/2018	Mrs. WMRSK Warnasooriya and Mrs. PNMS Piyarathne	Coconut Research Institute, Lunuwila Central Research Station, Matale and Spice Processing Centers around Wattedgama
PS 4103 – Landscape Horticulture	2017/2018	Mrs. PNMS Piyarathne Ms. US Herath	Peradeniya Botanical Garden, Peradeniya
PS 3202 – Plantation Crop Technology I	2017/2018	Mrs. WMRSK Warnasooriya and Mrs. PNMS Piyarathne	Rubber Research Institute, Agalawatta and Ratmalana Tea Research Institute, Thalawakelle and Pedro Tea Factory and Rothschild Tea Factory
	2018/2019	Mrs. WMRSK Warnasooriya and Mrs. PNMS Piyarathne	Rubber Research Institute, Agalawatta, Ratmalana, Lalan Rubber Factory
PS 3203 – Floriculture	2017/2018	Mrs. PNMS Piyarathne	Royal Plant Nursery, Anuradhapura
	2018/2019	Mrs. PNMS Piyarathne	Haggala Botanical Garden
PS 3215 – Plant Breeding Techniques	2017/2018	Ms. HMAM Herath	Field Crop Research and Development Institute, Mahailuppallama
PS 3213 – Advanced Phytopathology	2017/2018	Mrs. TDC Priyadarshani	Plant Virus Indexing Center
PS 3201 – Rice Technology	2017/2018	Dr. DMD Dissanayake	Rice Research Institute, Bathalagoda

PS 3210- Cottage Farming	2017/2018	Dr. DMD Dissanayake	Polonnaruwa
PS 3204 - Controlled Environmental Agriculture	2017/2018	Dr. DAUD Devasinghe	Thambuthegama Mahaweli /H Zone
PS 3212 - Tissue Culture	2017/2018	Snr. Prof. PA Weerasinghe	Vint Biotech Pvt. Ltd., Minuwangoda
PS 3101	2018/2019	Mrs. WMRSK Warnasooriya and Mrs. PNMS Piyarathne	Central Research Station, Matale
PS 2201 – Plantation Crop Production I	2018/2019	Mrs. WMRSK Warnasooriya and Mrs. PNMS Piyarathne	Rubber Nursery and RSS Factory, Warakapola and Alawwa Giragama Tea Factory, Pilimathalawa
PS 2203 – Forest Ecosystem Management	2019/2020	Dr. GDA Nalaka	Riverstone, Matale
PS 2202 – Perennial Crop Production II: Coconut, Spices and Beverage Crops	2019/2020	Mrs. WMRSK Warnasooriya and Mrs. PNMS Piyarathne	Coconut Nursery, CCB, Kalawewa Central Research Station, Matale
PS 2101 – Perennial Crop Production I: Tea and Rubber	2019/2020	Mrs. WMRSK Warnasooriya and Mrs. PNMS Piyarathne	Giragama Tea Factory, Pilimathalawa

Photographs







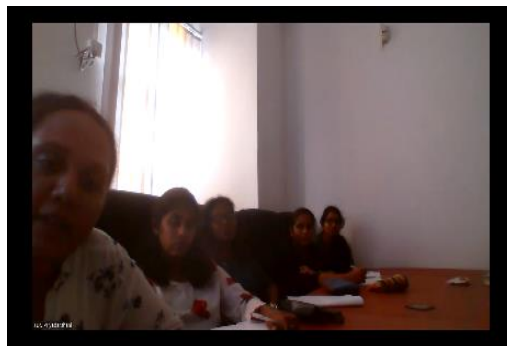
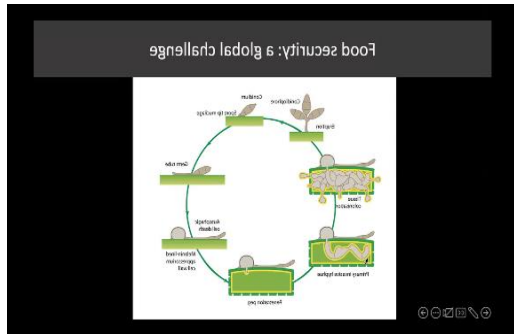

HEAD
Department of Plant Science
Faculty of Agriculture
Rajarata University of Sri Lanka
Puliyankulama
Anuradhapura

Dr UGAI Sirisena

Guest Lectures - 2023

Guest Lecture on “Fungal Biological Clocks”

Dr. George Littlejohn, Associate Professor of Plant and Fungal Biology, School of Biological Sciences, Faculty of Science and Engineering, University of Plymouth was conducted a guest lecture on “*Fungal Biological clocks*” for year 3 semester II students under the course Advanced Phytopathology (PS 3214) on 22nd of September 2023. Mrs. T.D.C. Priyadarshani, Senior Lecturer at the Department of Sciences took the responsibility of organizing this with the support of teaching assistants at the Department of Plant Sciences.



Guest Lecture on “Plant parasitic nematodes and their control”

Dr. Matthew Back, Reader in Nematology, Department of Agriculture and Environment, Harper Adams University, Newport, Shropshire was conducted a guest lecture on “*Plant parasitic nematodes and their control*” for Year 3 Semester II students under the course Advanced Phytopathology (PS 3214) on 17th of October 2023. Mrs. T.D.C. Priyadarshani, Senior Lecturer at the Department of Sciences took the responsibility of organizing this with the support of teaching assistants at the Department of Plant Sciences.

Recording

0:30:52 09:32

Harper Adams University


Investigations on biofumigation

A range of targets and crops investigated

- i. Potato cyst nematodes (*Globodera pallida*)
- ii. Stem & bulb nematodes (*Ditylenchus* spp.) – beans and narcissus
- iii. Stubby root nematodes (*Trichodorus* and *Paratrichodorus* spp) – sugar beet
- iv. *Fusarium graminearum* in cereals
- v. Black grass (*Alopecurus myosuroides*)

Optimising biofumigation

- i. Understanding partial biofumigation
- ii. Improved agronomy including nutrients, water and sowing time
- iii. Choice of cultivars
- iv. Choice of implements for cutting and incorporation of residue



Next slide

The various suppressive effects of biofumigant brassicas

No Notes.

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Participants (3)

- TP TDC Priyadarshani (Me) Unmute
- MB Matthew Ba... (Host, guest)
- D DS (Guest)

Invite Unmute Me Reclaim Host