

2013 Honors Batch (2017/2018 Academic Year)

Analysis of genetic diversity and population structure of *Colletotricum* sp. on different fruit and vegetables in Sri Lankan market

Supervisors: Mrs. M. P. C. S. Dhanapala

Student: M. B. Shaima (S/13/202)

Biotic and Abiotic Stresses on Rice

Supervisors: Prof. S. D. S. S. Sooriyapathirana

Student: M. N. R Rizna (S/13/213)

Cellulytic fungi

Supervisors: Prof. P. Samaraweera

Student: A. K. A. U Jayathissa (S/13/201)

Characterization of fatty acid profile of *Madhuca longifolia* (Mee)

Supervisors: Mrs. M. P. C. S. Dhanapala

Student: B. A. K. T Premachandra (S/13/247)

Climatic effects and genetic diversity on fruit quality of *Syzugium* sp. (Roseapple)

Supervisors: Prof. S. D. S. S. Sooriyapathirana

Student: D. G. P.K. Senevirathne (S/13/246)

Cross inoculation studies of selected Rhizobial strains on crop legumes

Supervisors: Prof. R. G. S. C. Rajapakse

Student: S. M. N. S. Samarakoon (S/13/172)

Genetic diversity of potential strains of *Trichoderma* isolates for biological control

Supervisors: Mrs. M. P. C. S. Dhanapala

Student: D. W. G. A. S Alukumbura (S/13/241)

Genetic diversity of a tree species in Sri Lanka

Supervisors: Prof. S. D. S. S. Sooriyapathirana

Student: W. G. A. S. Sumanarathne (S/13/226)

Investigation on oral microflora

Supervisors: Prof. R. G. S. C. Rajapakse, Prof. Sumedha Jayathilleke

Student: M. A. D. K. S. Mallikarachchi (S/13/085)

Microbial lipases

Supervisors: Prof. P. Samaraweera

Student: G. D. Kariyawasam (S/13/210)

Petroleum degrading bacteria isolation and characterization

Supervisors: Prof. P. Samaraweera

Student: K. M. A. Karunathilaka (S/13/071)

Preliminary study on identification of urinary mRNA biomarkers for CKDu

Supervisors: Dr. Saumya Wickramasinghe

Student: S.M. Sahibdeen (S/13/116)

2012 Honors Batch (2016/2017 Academic Year)

Assessment of the marker trait association between yield parameters and polymorphism of the *GHD7* locus in a core set of rice genotypes grown in Sri Lanka

Supervisors: Prof. S. D. S. S. Sooriyapathirana

Student: N. D. U.S. Nakandala (S/12/174)

Assessment of the Phosphorus deficiency tolerance in a selected set of rice varieties and their DNA marker haplotypes of the *Pup1* locus

Supervisors: Prof. S. D. S. S. Sooriyapathirana, Dr. U. A. K. S. Udawela

Student: H. S. M. Jayarathne (S/12/216)

Backcross breeding of rice with foreground and background genomic selection for Brown Planthopper resistance

Supervisors: Prof. S. D. S. S. Sooriyapathirana, Dr. U. A. K. S. Udawela

Student: R. M. S. K. Rathnayake (S/12/105)

Detection of *mecA* gene and Methicillin resistance in Staphylococci isolated from the human oral cavity

Supervisors: Prof. R. G. S. C. Rajapakse, Prof. Sumedha Jayathilleke

Student: W. M. D. A. Wijesundara (S/12/196)

Establishment of varietal identity of selected exportable and mega production rice genotypes in Sri Lanka using DNA fingerprinting and sequencing

Supervisors: Prof. S. D. S. S. Sooriyapathirana

Student: W. W. M. U. K. Wijesundara (S/12/177)

Expression of a few *Aux/IAA* genes in some selected rice varieties under the stress induced by Mannitol and Polyethylene Glycol

Supervisors: Mrs. M. P. C. S. Dhanapala

Student: H. M. Y. Y. Bandara (S/12/229)

Expression of a some *Aux/IAA* genes in rice during Salicylic Acid treatment and Rice Blast Infection

Supervisors: Mrs. M. P. C. S. Dhanapala

Student: R. R. M. D. S. Rathnayake (S/12/179)

Identification of the species limits and assessment of the phytochemical diversity and consumer preference of the widely grown accessions of four leafy vegetables in Sri Lanka

Supervisors: Prof. S. D. S. S. Sooriyapathirana

Student: T. H. I. Gayathree (S/12/222)

Phylogenetic relationships and population genetic structure of Stone Sucker, *Garra ceylonensis* (Cyprinidae, Labeonini) in the Mahaweli Ichthyological Province, Sri Lanka

Supervisors: Prof. M. P. B. Meegaskumbura

Student: H. M. T. N. Senavirathna (S/12/149)

Physiological characterization and genetic diversity assessment of the Rhizobial populations inhabiting *Gliricidia sepium* in Ampara District, Sri Lanka

Supervisors: Prof. R. G. S. C. Rajapakse

Student: P. W. I. Nawanjana (S/12/193)

Purification and characterization of Chitinase(s) from Pitcher fluid of *Nepenthes distillatoria*

Supervisors: Prof. R. G. S. C. Rajapakse

Student: R. W. K. M. Senevirathna (S/12/191)

Species identification and habitat associations of larval fresh water fish through DNA barcoding in the Central Hills of Sri Lanka

Supervisors: Prof. M. P. B. Meegaskumbura

Student: A. P. Amarasinghe (S/12/158)

The effect of salt stress on expression of some *Aux/IAA* genes in different rice varieties in Sri Lanka

Supervisors: Mrs. M. P. C. S. Dhanapala

Student: U. G. S. Janesha (S/12/210)