

BOARD OF STUDY IN AGRICULTURAL ENGINEERING
TEACHING PANEL FOR THE FIRST SEMESTER 2016

Agricultural and Bio-Systems Engineering Programme

Course Title	Teachers
AE 5102: Thermodynamics	Dr. Primal Fernando Dr. A.K. Karunarathna*
AE 5109: Soil mechanics	Prof. B.F.A. Basnayake Dr. A.K. Karunarathna*
AE 5104: Engineering drawing	Dr. W.R.M.U. Wickramasinghe* Mr. S.N. Gunasekara
AE5112: Farm mechanization	Dr. D.N. Jayatissa*
AE 5106: Physical Properties of Agricultural Products	Prof. D.A.N. Dharmasena* Dr. K.S.P. Amaratunge
AE 5111: Engineering Mechanics	Prof. Ranjith Dissanayake Dr. K.S.P. Amarathunga*
AE 5113: Principles of Farm Machinery	Dr. D.N. Jayatissa*
AE 5114: Agriculture Structures and Environment	Prof. B.F.A. Basnayake Dr. A.K. Karunarathna*
AE 5115: Electronics and Instrumentation in Agriculture	Dr. K.S.P. Amarathunga*
AE 5116: Farm Machinery Testing and Evaluation	Mr. H.M.M.A. Bandara*
AE 5117: Numerical Analysis in Agricultural Engineering	Dr. A.K. Karunatahna*
AE 5158: Organic Produce Certification and Marketing	Dr. K. Mohotti*
AE 5159: Grading, Packaging and Transportation of Fruits & Vegetables	Prof. D.A.N. Dharmasena*
AE5113: Principles of farm machinery	Dr. D.N. Jayatissa*
AE 5160: Advanced Power & Machinery	Dr. D.N. Jayatissa*
AE 5156: Environment and Industry	Prof. B.F.A. Basnayake* Prof. D.A.N. Dharmasena Dr. M.I.M. Mowjood Dr. Shamen Jinadasa Dr. A.K. Karunarathne
AE 5162: Tillage Engineering	Dr. D.N. Jayatissa*
AE 5164: Combustion of Biomass	Prof. B.F.A. Basnayake* Dr. A.K. Karunarathne
3 rd Semester AE 5157: Solid Waste Management	Prof. B.F.A. Basnayake* Dr. A.K. Karunarathna

* Coordinator



Dr. N.D.K. Dayawansa
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Geo-Informatics Programme

Course	Lecturer
GS 5101 Introduction to Geographical Information Systems (GIS)	Prof. P. Wickramagamage Prof. Ranjith Premalal De Silva*
GS 5102 Introduction to Remote Sensing	Dr. N.D.K. Dayawansa*
GS 5103 Spatial Database Management	Prof. P. Wickramagamage* Dr. H.K. Kadupitiya
GS 5104 Fundamentals of Global Positioning Systems (GPS)	Mr. S.D.P.J. Dampegama Prof. Ranjith Premalal De Silva*
GS 5107 Surveying and Spatial Measurements	Dr. Gemunu Gurusinghe Dr. N.D.K. Dayawansa*
GS 6102 Advanced Remote Sensing and Applications	Dr. H.K. Kadupitiya Dr. N.D.K. Dayawansa* Dr. A.R. Gunawardena
GS 6103 Recent Advances in Geo-Informatics	Prof. Ranjith Premalal De Silva* Prof. P. Wickramagamage
GS 5209 Spatial Data Infrastructure	Prof. Ranjith Premalal De Silva*
GS 5207 Directed Study	Dr. N.D.K. Dayawansa
GS 5208 Seminar	Dr. N.D.K. Dayawansa

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Teaching Panel: First Semester of IWRM Programme

Course	Lecturer
AE 5101: Water for Agriculture	Dr S.Pathmarajah* Dr H.B.Nayakekorala
AE 5103: Hydrology and Meteorology	Prof. R.P.De Silva* Prof. M.I.M.Mowjood Dr. B.V.R. Punyawardena
AE 5105: Water and Society	Prof. E.R.N. Gunawardena* Prof. W.A.D.P. Wanigasundara
AE 5107: Water Quality for Agriculture and Environment	Prof. M.I.M. Mowjood* Dr. N.D.K. Dayawansa Dr. M. Vithanage

Course	Lecturer
AE 6105: Gender in IWRM	Dr S.Pathmarajah* Prof. Kamala Liyanage
AE 5151: River Basin Planning and Management	Prof. E.R.N. Gunawardena* Dr N.D.K. Dayawansa
AE 6101: Advanced Irrigation Water Management	Prof. E.R.N.Gunawardena Prof. M.M.M. Najeem
AE 5152: Environmental Impact Assessment	Prof. R.P. De Silva* Prof. K.G.N. Pushpakumara Prof. E.R.N. Gunawardena
AE 6102 : Advanced GIS & Geoinformatics	Prof. R.P. De Silva* Dr. N.D.K. Dayawansa
AE 5198: Directed Study and Seminar	Prof. E.R.N. Gunawardena*

*Coordinator

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