

# STUDENT HANDBOOK

## 2021



**MASTER OF AGRICULTURE**  
**FACULTY OF AGRICULTURE**  
Rajarata University of Sri Lanka



# **Student Handbook**

## **2021 Intake**

**Master of Agriculture Degree Programme**  
**Faculty of Agriculture**  
**Rajarata University of Sri Lanka**

## **Student Handbook 2021**

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## **Vision**

*Faculty of Agriculture envisions to be a dynamic, innovative and renowned center for excellence in agriculture.*

## **Mission**

*Mission of the Faculty of Agriculture is to produce innovative and dynamic graduates with sound knowledge and requisite skills towards achieving a sustainable development in Agriculture through creating a conducive environment for teaching, learning, research and dissemination of knowledge.*

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## Message from the Vice Chancellor, RUSL

Being a postgraduate student in a state university is a proud to you and your parents. Your courage and endurance have taken you to a new height in your life. The Master of Agriculture degree programme of the Faculty of Agriculture is designed to produce innovative and dynamic postgraduates with sound knowledge and requisite skills towards achieving sustainable development in Agriculture. The location of the faculty is conducive for achieving the learning outcomes of Agriculture enriched with real life experiences and offers many opportunities to expand the horizon of new knowledge.



**Dr. B.A. Karunaratne**  
**Vice Chancellor, RUSL**

I assure that the Faculty of Agriculture of the Rajarata University of Sri Lanka (RUSL) will empower you to attain the knowledge, skills, and most importantly the confidence you need to work as a professional employee. You will be taught and guided by an experienced academic staff, provided with necessary facilities, and sets a stage for collective learning with talented students in a competitive environment.

This handbook gives you information and advices to make your higher education pathway in the Faculty of Agriculture, RUSL an easier and a happier one. I am certain that this guide will help you to plan your Master of Agriculture journey from the commencement to the conclusion. Hence, I urge you to take the maximum advantage of all the pillars of the Faculty. I strongly believe that you will find the Faculty of Agriculture of RUSL is an exciting, stimulating, supportive, and a memorable place in your life which shapes your future as a professional in the field of Agriculture.

I wish all the best for your future career...!

Dr. B.A. Karunaratne  
Vice Chancellor, Rajarata University of Sri Lanka

## **Message from the Dean, Faculty of Agriculture, RUSL**

Faculty of Agriculture, Rajarata University of Sri Lanka was established in 2001 and incepted at Puliyankulama, about three (03) kilometres away from the ancient city of Anuradhapura and about ten (10) kilometres away from Mihintale, where the main administration complex of the university is located. Faculty was established with three departments at the beginning, which has now evolved to four departments namely; Department of Agricultural Engineering and Soil Science, Department of Agricultural Systems, Department of Animal and Food Sciences, and Department of Plant Sciences.



**Prof. A.M.J.B. Adikari**  
**Dean, Faculty of Agriculture**

The Faculty is the leading institute responsible for higher education in Agriculture for the Dry Zone of Sri Lanka. It was established at Puliyankulama to develop the sustainable agricultural systems particularly focusing on the Dry Zone of Sri Lanka by utilizing rural farm settings and natural resources effectively. Today, we are proud to be one of the dynamic faculties teaching agriculture in the country. The Faculty is enriched with necessary facilities such as human and physical resources to support the undergraduate and postgraduate programmes. We continue to spend heavily, which now stands at almost one billion rupees for next three years, to uplift the teaching and

In this background, inauguration of the 2021 Intake of the Master of Agriculture degree programme is the harvest that we reap nearly two decades of experience in teaching agriculture higher education in Sri Lanka. This degree programme has been specially designed for the graduates who wish to obtain a postgraduate qualification within the broad discipline of agriculture. While enhancing knowledge, it also offers opportunity to specialize in various sub-disciplines through a compulsory research project and opportunity to

transfer into Master of Philosophy degree programme. The faculty is committed to provide a conducive environment for postgraduate studies and research. Our strategic goal is to focus on the quality of the degree programme while developing the quality of students and ultimately enhancing their employment prospects. Finally, I would like to extend my best wishes with your studies and with the new higher learning experience that you are going to gain at the Faculty of Agriculture, RUSL.

Best compliments from,

Professor A. M. J. B. Adikari  
Dean, Faculty of Agriculture, RUSL.

## **Message from the Programme Director**

It is great pleasure to welcome all the students who have registered to the Master of Agriculture postgraduate degree at the Faculty of Agriculture, Rajarata University of Sri Lanka (RUSL). The Faculty of Agriculture in Rajarata University of Sri Lanka was established in 2001. We are very pleased to announce that the Faculty of Agriculture, RUSL has laid another milestone to commence postgraduate degree programme in the Faculty of Agriculture.



**Snr. Prof. Aruni Weerasinghe  
Programme Director**

The programme of study comprises of course work with 28 credits and 2 credits for the research component with 15 weeks for each semester for a period of one year. Provisions are available for the research work to be undertaken either in the Faculty of Agriculture or at relevant research institutions in Sri Lanka. The panel of teachers consists of outstanding academic staff with wide teaching and research experiences. The majority of the staff members are from Faculty of Agriculture, RUSL and others from both governmental and non-governmental institutions. The faculty houses the administrative and financial sections, Computer Unit, Library and classrooms which are equipped for achieving a quality learning experience.

I expect the registered students to the postgraduate programme may develop a strong work ethics which are expected to become an integral part of their professional life.

I wish all the very best for your future career...!

Senior Professor Aruni Weerasinghe  
Programme Director  
Postgraduate Programme, Faculty of Agriculture, RUSL

## **Background to the Postgraduate Programme**

The Faculty of Agriculture, RUSL was established in 2001 at Puliyankulama, Anuradhapura with the aim of developing sustainable agricultural systems by utilizing rural farm settings and natural resources effectively by focusing on the Dry Zone of Sri Lanka. Currently, the Faculty of Agriculture has four departments namely, Agricultural Systems, Plant Sciences, Agricultural Engineering and Soil Science, and Animal and Food Sciences.

The vision of the faculty is to be a dynamic, innovative and renowned centre for excellence in agriculture. Therefore, having reviewed the present situation, it has been realized that the faculty has adequate human and physical resources to conduct a postgraduate degree programme related to agriculture, successfully. This new postgraduate degree programme on agriculture aims to build on synergies in agriculture to achieve rapid economic development and poverty reduction in the agriculture sector of the country.

The mission of the faculty is to produce innovative and dynamic graduates with sound knowledge and requisite skills towards achieving a sustainable development in agriculture, through creating a conducive environment for teaching, learning and dissemination of knowledge. This Master of Agriculture degree programme has been designed as a multidisciplinary degree to expand students' overall academic and research competence including the basic and applied knowledge on managing available natural resources for agricultural development in Sri Lanka. Students will be supported to achieve the set objectives by experienced and trained scientists in various disciplines. The graduate will be able to develop a holistic, cross-disciplinary understanding in agriculture and to use the acquired knowledge in the development of agriculture by protecting natural resource in a sustainable manner. This degree programme could be completed within one academic year involving a balanced curriculum of classroom lectures, laboratory practical sessions, hands on training in new methods and technologies and field visits.

This student handbook provides information required for assessing the eligibility criteria, application procedure, fee structure, programme structure, course capsules and by-laws including assessment criteria.



**Location – Faculty of Agriculture, RUSL**



**Location – Farm Premises, Faculty of Agriculture, RUSL**

### Board of Study in Agriculture

<i>Prof. A.M.J.B. Adikari</i>	Dean/Faculty of Agriculture (Chairman, Board of Study in Agriculture - BOS)
<i>Snr. Prof. Aruni Weerasinghe</i>	Programme Director
<i>Dr. Nalaka Geekiyanage</i>	Academic Coordinator
<i>Dr. M.G.T.S. Amarasekera</i>	Faculty Board Nominee to BOS
<i>Dr. L.K.W. Wijyaratne</i>	Faculty Board Nominee to BOS
<i>Prof. W.A.D. Nayananjali</i>	Head/Dept. of Animal & Food Sciences
<i>Dr. G.V.T.V. Weerasooriya</i>	Head/Dept. of Agri. Eng. & Soil Science
<i>Dr. D.M.D. Dissanayake</i>	Head/Dept. of Plant Sciences
<i>Dr. A.M.K.R. Bandara</i>	Head/Dept. of Agricultural Systems
<i>Prof. Sriyani Wickramasinghe</i>	Senate Nominee to BOS
<i>Dr. Jayantha Senanayake</i>	Faculty Board Appointed External Member
<i>Eng.(Mr.) H.M.A.P. Rathnayake</i>	Faculty Board Appointed External Member
<i>Mrs. Kalpana Nathiparan</i>	Assistant Registrar / Secretary to BOS

### **Objectives of the Degree Programme**

- Make opportunities for those who aspire to pursue higher education in the field of agriculture, focusing on new developments in agriculture sector in both national and international level.
- Provide opportunities to explore the potential of the graduate trainees recruited for agricultural development of the country.
- Empower the human resource with required knowledge and skills to resolve problems related to the advancement of agriculture.
- Explore and sustain the agricultural sector through the accomplishment of specific services and use of novel technologies.

### **Programme Outcomes / Graduate Profile**

- Demonstrate advanced knowledge and understanding of the modern agriculture.
- Be an independent analyzer for effectively solving contemporary problems in agriculture.
- Perform as an effective team leader with required modern technological and communication skills.

### **Minimum Requirements for the Registration**

- i. A Bachelor's of Honours Degree in Agriculture or any related degree from a recognized University, which is equivalent to SLQF level 6 with a minimum of 30 credits in the relevant field.  
**or**
- ii. A Bachelor's of Honours Degree in Science or any related degree with Honours from a recognized University, which is equivalent to SLQF level 6 with a minimum of 30 credits in the relevant field.  
**or**
- iii. A Bachelor's of Honours Degree in Biosystems Technology or any related degree with Honours from a recognized University which is equivalent to SLQF level 6 with a minimum of 30 credits in the relevant field.

or

- iv. Postgraduate diploma or Postgraduate certificate in relevant field or any other equivalent qualifications acceptable to the Senate of the Rajarata University of Sri Lanka upon recommendation of the Board of Study (BOS) in Master of Agriculture, Faculty of Agriculture, Rajarata University of Sri Lanka.

### **Application Procedure**

#### ***How to obtain application?***

- Online via University/Faculty Website (Recommended)
- Download Application from University/ Faculty Website
- Obtain the Application by posting a self-addressed envelope
- Obtain the Application by visiting the Faculty

Those who wish to apply online or download the application can visit website of the University [www.rjt.ac.lk](http://www.rjt.ac.lk) or Faculty [www.rjt.ac.lk/agri/postgraduate/php](http://www.rjt.ac.lk/agri/postgraduate/php). Those who wish to obtain application form and instructions by post, should send a 9”×6” size self-addressed stamped envelope worth of Rs. 100/= addressed to the “***Assistant Registrar, Faculty of Agriculture, Rajarata University of Sri Lanka, Puliyankulama, Anuradhapura***”. Application forms and instructions/details of the degree programme can also be obtained by visiting Faculty of Agriculture, Rajarata University of Sri Lanka.

#### ***What should be included in the application packet?***

Following documents should accompany with your application.

- Duly filled and signed application form
- Certified copies of the educational and professional qualifications
- Copies of the birth certificate and national identity card
- Bank deposit slip of Rs. 2000.00 as application processing fee
- Academic transcripts (directly from the university, where you obtained the degree)
- Two letters of recommendations in the prescribed format

### ***How to apply?***

Applications and scanned supporting documents can be submitted online (recommended) through the faculty website. Hard copies of all application materials should be sent to “***Assistant Registrar, Faculty of Agriculture, Rajarata University of Sri Lanka, Puliyankulama, Anuradhapura***” along with a Bank Deposit slip to the value of Rs. 2000.00 written in favour of **Faculty of Agriculture, Rajarata University of Sri Lanka**, Account No. **008-1-001-4-8565998** held at the Peoples’ Bank, Anuradhapura indicating the applicant’s name and the address.

### ***Programme Fees***

<b><i>Fee structure</i></b>	<b><i>Rs.</i></b>
<i>Application fee<sup>a</sup></i>	2000.00
<i>Registration fee per semester</i>	2000.00
<i>Library deposit (Refundable)</i>	5000.00
<i>Library fee (Non-refundable)</i>	1500.00
<i>Internet/Computer fee per semester</i>	1500.00
<i>Examination fee per credit</i>	800.00
<i>Make up and repeat examination fee per credit</i>	500.00
<i>Tuition fee<sup>b</sup></i>	100,000.00
<i>Comprehensive examination fee</i>	7500.00
<i>RUSL identity card fee</i>	275.00
<i>Degree certificate</i>	500.00
<i>Degree transcript – local</i>	1000.00
<i>Degree transcript – international</i>	1500.00

<sup>a</sup> Non-refundable application fee should be paid at the time of submission of the completed application form.

<sup>b</sup> Maximum three instalments could be allowed upon the approval of the Board of Study. The first and the second instalments should be Rs. 35,000.00 each and the third instalment should be Rs. 30,000.00.

## Teaching Panel – Internal

### *Department of Agricultural Engineering and Soil Science*

<i>M.H.J.P. Gunarathna</i>	B.Sc. (Agric.) (Ruhuna, Sri Lanka), M.Sc. (IRRI/CLSU, Philippines), PhD (Kagoshima, Japan)	Professor	Water Management
<i>M.G.T.S. Amarasekera</i>	B.Sc. (Agric.), M.Phil., Ph.D. (Peradeniya, Sri Lanka)	Senior Lecturer	Soil Fertility Management
<i>D.M.S. Duminda</i>	B.Sc. (Agric.), (Ruhuna, Sri Lanka), M.Sc. (Kelaniya, Sri Lanka), PhD (Peradeniya, Sri Lanka)	Senior Lecturer	Soil Fertility Management
<i>G.V.T.V. Weerasooriya</i>	B.Sc. (Agric.) (Ruhuna, Sri Lanka), M.Phil. (Peradeniya, Sri Lanka), Ph.D. (Peradeniya, Sri Lanka)	Senior Lecturer	Farm Power and Machinery
<i>D.M.S.H. Dissanayaka</i>	B.Sc. (Agric.), M.Phil. (Peradeniya, Sri Lanka), Ph.D. (Saitama, Japan)	Senior Lecturer	Water Management
<i>N.S. Abeysingha</i>	B.Sc. (Agric.) (Ruhuna, Sri Lanka), M.Sc. (Jayawadanapura, Sri Lanka), Ph.D. (IARI, New Delhi, India)	Senior Lecturer	Watershed Management
<i>M.K.N. Kumari</i>	B.Sc. (Agric.) (Ruhuna, Sri Lanka), M.Phil. (Peradeniya, Sri Lanka), PhD (Kagoshima, Japan)	Senior Lecturer	Water Management

<i>A.J. Fernando</i>	B.Sc. (Agric.) (Rajarata, Sri Lanka), M.Phil. (Peradeniya, Sri Lanka), Ph.D. (Peradeniya, Sri Lanka – Reading)	Senior Lecturer	Agricultural Engineering
<i>P.D. Kahandage</i>	B.Sc. (Agric.) (Ruhuna, Sri Lanka), M.Sc. (Peradeniya, Sri Lanka), M.Phil. (Ruhuna, Sri Lanka), Ph.D. (Tsukuba, Japan – Reading)	Senior Lecturer	Farm Power and Machinery
<i>J.P.H.U. Jayaneththi</i>	B.Sc. (Agric.) (Rajarata, Sri Lanka), M.Sc. (Peradeniya, Sri Lanka), M.Phil. (Peradeniya, Sri Lanka – Reading)	Lecturer (Prob.)	Soil Microbiology
<i>K.G.S. Nirmanee</i>	B.Sc. (Agric.) (Rajarata, Sri Lanka), M.Sc. (Peradeniya, Sri Lanka), M.Phil. (Peradeniya, Sri Lanka – Reading)	Lecturer (Prob.)	Remote Sensing and GIS

### ***Department of Agricultural Systems***

<i>G.A.S. Ginigaddara</i>	B.Sc. (Agric.), M.Phil. (Peradeniya, Sri Lanka), Ph.D. (AIT, Thailand)	Professor	Agricultural Systems
<i>S.N. Dissanayake</i>	B.Sc. (Agric.), M.Phil. (Peradeniya, Sri Lanka), Ph.D. (Queensland, Australia)	Senior Lecturer	Agricultural Economics
<i>A.P.S. Fernando</i>	B.Sc. (Agric.) (Rajarata, Sri Lanka), M.Phil. (Peradeniya, Sri Lanka), Ph.D. (Massey, New Zealand – Reading)	Senior Lecturer	Agricultural Economics
<i>A.M.K.R. Bandara</i>	B.Sc. (Agric.), M.Sc., Ph.D. (Peradeniya, SL)	Senior Lecturer	Bio Statistics

<i>K.K.P. Perera</i>	B.Sc. (Agric.), M.Sc. (Peradeniya, Sri Lanka), Ph.D. (Florida, USA)	Senior Lecturer	Developmental Extension
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***Department of Animal and Food Sciences***

<i>A.M.J.B. Adikari</i>	B.Sc. (Agric.) (Peradeniya, Sri Lanka), M.Sc. (NDRI, India), Ph.D. (Virginia Tech, USA)	Professor	Molecular and Comparative Genetics
<i>W.A.D. Nayananjalie</i>	B.Sc. (Agric.), M.Sc. (Peradeniya, Sri Lanka), Ph.D. (Virginia Tech, USA)	Professor	Animal Nutrition
<i>S.C. Somasiri</i>	B.Sc. (Agric.) M.Sc., MPhil (Peradeniya, Sri Lanka) , Ph.D. (Massey, New Zealand)	Senior Lecturer	Animal Nutrition & Crop Livestock Farming Systems
<i>C.A.K. Dissanayake</i>	B.Sc. (Agric), M.Phil (Peradeniya, Sri Lanka), Ph.D. (Peradeniya, Sri Lanka – Reading)	Senior Lecturer	Food Science and Postharvest Technology
<i>D.W.M.M.M. Kumari</i>	B.Sc. (Agri. Tech. & Mgt.), M.Sc. (Peradeniya, Sri Lanka), Ph.D. (UPLB, Philippines)	Lecturer (Prob.)	Food Chemistry & Biochemistry
<i>H.R.M.G.C. Thilakarathna</i>	B.Sc., Ph.D. (Sri Jayawardanapura, Sri Lanka)	Lecturer (Prob.)	Food Science and Postharvest Technology

*Department of Plant Sciences*

<i>P.A. Weerasinghe</i>	M.Sc., Ph.D. (AUN, Czechoslovakia)	Senior Professor	Plant Tissue Culture
<i>D.A.U.D. Devasinghe</i>	B.Sc. (Agric.), M.Phil., Ph.D. (Peradeniya, Sri Lanka)	Senior Lecturer	Horticulture
<i>W.C.P. Egodawatta</i>	B.Sc. (Agric.), M.Sc. (Peradeniya, Sri Lanka), Dr. Sc. (ETH-Zurich- Switzerland)	Senior Lecturer	Crop Science
<i>L.K.W. Wijyaratne</i>	B.Sc. (Agric.) (Ruhuna, Sri Lanka), M.Sc. (Agric.) (Peradeniya, Sri Lanka), Ph.D. (Manitoba, Canada)	Senior Lecturer	Entomology
<i>T.A.B.D. Sanjeewa</i>	B.Sc. (Agric.), M.Sc., M.Phil. (Peradeniya, Sri Lanka), Ph.D. (Peradeniya, Sri Lanka – Reading)	Senior Lecturer	Weed Science and Crop Ecology
<i>D.M.D. Dissanayake</i>	B.Sc. (Agric.), M.Sc. (Moscow, Russia), Ph.D. (Peradeniya, Sri Lanka)	Senior Lecturer	Agronomy and Organic Agriculture
<i>W.M.R.S.K. Warnasooriya</i>	B.Sc. (Agric.), M.Sc. (Peradeniya, Sri Lanka), M.Phil. (Peradeniya, Sri Lanka)	Senior Lecturer	Forestry and Plantation Management
<i>U.G.A.I. Sirisena</i>	B.Sc. (Agric.) (Rajarata, Sri Lanka), M.Sc. (Peradeniya, Sri Lanka), Ph.D. (Peradeniya, Sri Lanka)	Senior Lecturer	Entomology and Pest Management

<i>N. Geekiyanage</i>	B.Sc. (Agric. Tech. & Mgt.), M.Sc. (Peradeniya, Sri Lanka), D.Agri. (Kyoto, Japan)	Senior Lecturer	Forestry and Plantation Management
<i>K.R.E. Padmathilake</i>	B.Sc. (Agric.), M.Sc. (Peradeniya, Sri Lanka), M.Sc. (Waterloo, Canada), Ph.D. (Manitoba, Canada – Reading)	Lecturer	Plant Physiology
<i>H.C.D. Wijayawardhana</i>	B.Sc. (Agric.) (Rajarata, Sri Lanka), M.Phil. (Peradeniya, Sri Lanka)	Lecturer (Prob.)	Floriculture & Landscape Horticulture

### Teaching Panel – External

<i>A.N.F Perera</i>	B.Sc. (Agric.), Ph.D.	Senior Professor (Rtd.)	University of Peradeniya
<i>Ashoke Senevirathna</i>	B.Sc., Ph.D.	Director General (Rtd.)	Department of Agriculture
<i>B. C. Jayawardana</i>	B.Sc. (Agric.), M.Sc., Ph.D.	Professor	University of Peradeniya
<i>E.M.R.K.B. Edirisinghe</i>	B.Sc., M.Phil., Ph.D.	Professor	Rajarata University of Sri Lanka
<i>K.M.S. Wimalasiri</i>	B.Sc., Ph.D.	Professor	University of Peradeniya
<i>Kapilasiri Uduwela</i>	B.Sc., Ph.D.	ADA (Research)	Department of Agriculture
<i>L.D.B. Suriyagoda</i>	B.Sc. (Agric.), M.Sc., Ph.D.	Professor	University of Peradeniya
<i>M. Ranbanda</i>	B. Sc. (Agric.), M.Sc.	Senior Lecturer (Rtd.)	University of Peradeniya
<i>Mojith Ariyaratne</i>	B.Sc. (Agric.), M.Sc., Ph.D.	Senior Lecturer	University of Peradeniya
<i>P.B. Dharmasena</i>	B.Sc., M.Sc., Ph.D.	Deputy Director (Rtd.)	Department of Agriculture
<i>Manjula Ranagalage</i>	B.A., MSc, MA, Ph.D.	Senior Lecturer	Rajarata University of Sri Lanka
<i>R.H.G. Ranil</i>	B.Sc. (Agric.), Ph.D.	Senior Lecturer	University of Peradeniya

<i>R.M.C. Deshapriya</i>	B.V.Sc., M.Phil., M.Sc., Ph.D.	Senior Lecturer	University of Peradeniya
<i>R.M.N.A.Wijewardane</i>	B.Sc. (Agric.), M.Sc., Ph.D.	Senior Research Officer	National Institute of Postharvest Management
<i>R.P.G. Vandercone</i>	B.Sc., M.Sc., Ph.D.	Senior Lecturer	Rajarata University of Sri Lanka
<i>R.P.I.R. Prasanna</i>	B.A., M.Sc., M.Sc., Ph.D.	Senior Lecturer	Rajarata University of Sri Lanka
<i>R.P.N.P. Rajapakse</i>	B.Sc. (Agric.), M.Sc., Ph.D.	Senior Lecturer	University of Peradeniya
<i>Ranila Jayasinghe</i>	B.Sc., M.Sc.	Manager, Advisory and Extension	A Baur& Co. (Pvt.) Ltd
<i>S. Premaratne</i>	B.Sc. (Agric.), M.Sc., Ph.D.	Senior Professor	University of Peradeniya
<i>T. Sivananthawerl</i>	B.Sc. (Agric.), M.Sc., Ph.D.	Professor	University of Peradeniya
<i>T.V. Sundarabarathy</i>	B.Sc., M.Sc., Ph.D.	Senior Lecturer	Rajarata University of Sri Lanka
<i>Lal Mutuwatta</i>	B.Sc., M.Sc., M.Phil., Ph.D.	Regional Researcher	International Water Management Institute

## **Programme Structure**

The Master of Agriculture degree programme consists of coursework and a research component basically one-year duration in the semester system for a full-time student. Minimum duration for a part time student will be four consecutive semesters. The course work includes all key aspects of advanced agricultural production and management. There is a two-credit research component in the second semester mainly aiming to develop research design and analytical skills of the students. This degree also offers opportunity to specialize in various sub disciplines through the compulsory research project and there is an opportunity to transfer into Master of Philosophy degree programme. Courses shall be evaluated on the basis of continuous assessments (quizzes, reports, assignments, presentations, case studies, etc.) and end-semester examinations. A five-member examination panel will evaluate the comprehensive viva-voce examination. The medium of instruction is English and the degree programme is conducted during weekends in the Faculty of Agriculture, RUSL. Further details are given in ‘Governing By-Laws: The Essentials’ section of this handbook.

## **Requirements to Complete the Study Programme**

A student should complete a minimum of 30 credits with a minimum Grade Point Average of 2.50 and successful completion of the comprehensive examination in stipulated period prescribed in the governing by-laws. A student should satisfy the examiners on prescribed assessment criteria approved by the Faculty Board on the recommendation of the Board of Study with a satisfactory standard. Students are required to follow 16 credits in the first semester and 14 credits in the second semester. Further details are given in ‘Governing By-Laws: The Essentials’ section of this handbook.

**Semester 1**

<i>Course Code</i>	<i>Course Name</i>	<i>Credit Value</i>	<i>Status</i>
<i>MS 5101</i>	Crop Production and Management Techniques	02	Compulsory
<i>MS 5102</i>	Food Processing Technology	02	Compulsory
<i>MS 5103</i>	Irrigation and Water Management	02	Compulsory
<i>MS 5104</i>	Dry Land Agricultural Systems	02	Compulsory
<i>MS 5105</i>	Plant Protection and Crop Improvement	02	Compulsory
<i>MS 5106</i>	Application of Economics in Agriculture	02	Compulsory
<i>MS 5107</i>	Horticultural Crop Production	02	Elective
<i>MS 5108</i>	Application of GIS and Remote Sensing	02	Elective
<i>MS 5109</i>	Food Security and Household Food Production Systems	02	Elective
<i>MS 5110</i>	Environmental Pollution and Control	02	Elective
<i>MS 5111</i>	Pests and Diseases of Crops and their Management	02	Elective
<i>MS 5112</i>	Agricultural Leadership and Communication	02	Elective
<i>MS 5113</i>	Statistical Methods	02	Elective
<i>MS 5114</i>	Dairy Technology	02	Elective

**Semester 2**

<b><i>Course Code</i></b>	<b><i>Course Name</i></b>	<b><i>Credit Value</i></b>	<b><i>Status</i></b>
<i>MS 5201</i>	Advanced Animal Production	02	Compulsory
<i>MS 5202</i>	Land and Soil Management	02	Compulsory
<i>MS 5203</i>	Advanced Machinery System Engineering	02	Compulsory
<i>MS 5204</i>	Agricultural Extension and Development	02	Compulsory
<i>MS 5205</i>	Research Project	02	Compulsory
<i>MS 5206</i>	Seminar	01	Elective
<i>MS 5207</i>	Climate Change and Agriculture	02	Elective
<i>MS 5208</i>	Indigenous Knowledge Systems	02	Elective
<i>MS 5209</i>	Fruits and Vegetables Processing	02	Elective
<i>MS 5210</i>	Land Use Planning	02	Elective
<i>MS 5211</i>	Agriculture Price Analysis	02	Elective

**Course Capsules*****MS 5101 Crop Production and Management Techniques***

Agronomic fundamentals of crop production, Plant Nutrient management, Weed Management, Nursery Management, Crop management practices, Categories of crops and their differences (Field crops, Plantation crops, horticultural crops), Maturity and harvesting, postharvest handling, Climate and crop production, Major Cropping Systems in Sri Lanka (urban and peri-urban systems), Institutional support to Sri Lankan Agriculture.

***MS 5102 Food Processing Technology***

Scope of food processing; historical developments; principles of food processing; Unit operations, Processing and preservation by heat – blanching, pasteurization, sterilization and UHT processing, canning, extrusion cooking,

dielectric heating, microwave heating, baking, roasting and frying; Processing and preservation by low-temperature-refrigeration and freezing; drying; concentration; Processing and preservation by non-thermal methods, irradiation, high pressure, pulsed electric field; use and application of enzymes and microorganisms in processing and preservation of foods, food fermentations, pickling; smoking; additives: definition, types and functions, permissible limits and safety aspects; hurdle technology.

### ***MS 5103 Irrigation and Water Management***

Surface irrigation, Sub surface irrigation, Water measurement and control structures, Micro irrigation, Drainage in Agriculture, Groundwater, Reservoir designing and management.

### ***MS 5104 Dry Land Agricultural Systems***

Dry land farming, Dry climates and their classifications, Problems of crop production in dry lands, Existing pattern of land use in low rainfall areas, Tillage for dry land crops, Soil erosion, Agronomic measures of soil conservation, Fertilizer use in dry lands, Cropping systems in dry lands, Evapo-transpiration, Water harvesting and life-saving irrigation, Alternate land use systems.

### ***MS 5105 Plant Protection and Crop Improvement***

Prevalence and assessment of damage caused by insect pests, diseases and weeds; choice of correct management strategies for insect pests of different ecosystems, diseases and weeds; Emergence of pesticide resistance in insects; Concepts of Integrated Pest Management (IPM); Application of Plant Tissue Culture for Crop Improvement (protoplast culture, haploid culture, somatic embryogenesis, embryo rescue); Breeding Techniques for Crop Improvement.

### ***MS 5106 Application of Economics in Agriculture***

Theory of demand and supply, Theory of consumer behavior, Theory of production and cost, Determination of national income, Economics policies, International trade.

***MS 5107 Horticultural Crop Production***

Overview of horticulture, Production of quality planting materials, Special management practices including training and pruning, Role of plant growth regulators in horticulture, Commercial orchard management, Protected cropping and soilless crop production systems, Current trends and techniques of vegetable production, Sustainable garden management, Urban agriculture methods and techniques, Postharvest handling of horticultural produce Floriculture industry, Floral products and value addition, Landscape designing principles and practices, Implementation of landscape designs.

***MS 5108 Applications of GIS and Remote Sensing***

Geographic information technology; spatial information for resource management, spatial data: data source, data acquisition, spatial data models, spatial data base systems and management, design of spatial data base; digital cartography: concept of map and spatial relationships, map elements, spatial reference system, map projection and coordinate transformation, geometric correction, 3D map display and generation of digital elevation models; Applications in Agriculture and resource management.

***MS 5109 Food Security and Household Food Production Systems***

Food security and insecurity; Causes of Household Food Insecurity; Food Insecurity Measurements; Household food security issues; Impact of Hunger; Strategies and programme with a household focus for improving food security: Household food production systems; Home garden intensification, Traditional and modern food preservation systems at household level, institutional assistance in household food security issues.

***MS 5110 Environmental Pollution and Control***

Point and non-point sources of pollution, pollutants and contaminants; transformation and mobility of nutrients and pesticides in soil, impact of pollutants on the sustainability of terrestrial and aquatic ecosystems, remediation of contaminated soil and water bodies, policies and legislation to control pollution.

***MS 5111 Pests and Diseases of Crops and their Management***

Introduction to insect, disease and weed problems in agricultural crops; Pathology, dissemination and principles of disease management in crops; Pests, population dynamics, spread and management; indoors and outdoors. Disease diagnosis, Insect identification and treatment; Quarantine process; Recent developments in pest and disease management in crops. Case studies and group activities.

***MS 5112 Agricultural Leadership and Communication***

Individuals as Leaders, Team Leaders, Organizational Leaders, Women & Leadership Attitudes, Perception & Personality, Motivation, Work Teams & Groups, Decision Making by Individuals & Groups, Conflict & Negotiation, Basic Theories & Models of Communication, Verbal and Non-Verbal Communication, Effective Communication Skills New Communication Technologies & Social Media, Lesson Planning & Professional Forum on Current Agricultural Issues, Agriculture Leaders in Sri Lanka.

***MS5113 Statistical Methods***

Introduction to scale of measurements; Introduction to population; Sample and sampling methods; Graphical method of data presentation: frequency distribution, histograms, stem and leaf plots, box plots; Numerical Method of data presentation: measures of central tendency and dispersion; Sampling and distribution of sample mean; Principles of hypothesis testing; Estimation tests: t-test; introduction to analysis of variance; Introduction to principles of experimental designs; Introduction to conventional experimental designs.

***MS 5114 Dairy Technology***

Introduction, Clean and hygienic milk production, The composition of milk and milk constituents, Physical status and chemical properties of milk, Dairy microbiology, Health and nutritional benefits of milk and milk products, Processing of liquid milk, Production of milk products: fermented dairy drinks, curd (*meekiri/deekiri*), yoghurt, cottage cheese, butter, ice cream, milk toffee and whey utilization.

***MS 5201 Advanced Animal Production***

Metabolic regulation of farm animals; Nutrient partitioning, Intake regulation, Analytical methods for quantifying metabolites; Genetically modified food animals and their products, Animal cloning and food safety, Modern animal food fermentation technology, Assisted Reproductive Techniques (ART) in Farm Animals, Use of genomic information in animal improvement.

***MS 5202 Land and Soil Management***

Factors governing soil fertility and their relative importance, Management of rice growing soils, Management of soils in dry zone, Management of soils in wet zone, Special aspects of upcountry soil management, Rehabilitation of degraded lands, Land use planning in agriculture, Land policies and legislations.

***MS 5203 Advanced Machinery System Engineering***

Introduction to farm mechanization, Measuring field performance of crop production equipment, Costing of farm machinery, Sources of farm power, Selection of optimum power requirements; Research and development of farm machinery, Designing of farm machinery; analysis of agricultural machine components and systems, Ergonomics in Agriculture; human factors and work efficiency, Biomechanics, Material handling techniques, ergonomics for safe work. Design, maintenance and management of farm power and machinery parks.

***MS 5204 Agricultural Extension and Development***

Agricultural extension principles, Developmental communication, Communication models, Extension programme planning process, Adoption and diffusion of agricultural innovation, Extension programme evaluation, Private-public partnership, Production and distribution of audio-visuals in agricultural communication, Research strategies in agricultural extension.

***MS 5205 Research Project***

As a compulsory requirement of the degree programme, students are required to obtain two credit from the research project (MS 5205) during which they

will be guided by a supervisor appointed by the University Senate on the recommendation of the Board of Study. Range of research topics is available within the research interest of teaching panel that student can select. A student should prepare a research proposal and submit to the Board of Study for the approval. The report of the research project should be submitted to the Board of Study after completion of the research project and before applying for the comprehensive examination.

### ***MS 5206 Seminar***

Students review and lead discussion on current problems and research findings related with agriculture; Students are required to prepare a report and present on a relevant topic (selected by the student or assigned by the course coordinator).

### ***MS 5207 Climate Change and Agriculture***

Climate change, Greenhouse gases and Radioactive forcing, evidence for climate change, Intergovernmental Panel on Climate Change (IPCC); Impact of climate change on agriculture, fisheries, biodiversity and eco systems; Climate change and Sri Lanka: vulnerability, adaptation, and mitigation; Introduction to Climate change modelling: GCMs and scenario building.

### ***MS 5208 Indigenous Knowledge Systems***

Location, climate and its variation in Sri Lanka, History and the culture of Sri Lankan agriculture, Genetic resources, agro-biodiversity and indigenous knowledge, Traditional practices of soil management in Agriculture, Indigenous village irrigation systems, Traditional home Gardens: Sustainable agro-ecosystem with integrated land management, Traditional rice farming, Indigenous paddy varieties and traditional knowledge, Traditional food & beverages, Traditional cattle management systems and indigenous veterinary medicine of Sri Lanka, The cultural dimension of some Agricultural rituals in Sri Lanka, Indigenous agricultural knowledge for the present context.

### ***MS 5209 Fruits and Vegetables Processing***

Sri Lankan and global scenario on production and processing of fruits and vegetable; Quality requirements of raw materials for processing; sourcing and

receiving at processing plants; primary processing: grading, sorting, cleaning, washing, peeling, slicing and blanching; minimal processing; processing for pulp, puree and concentrates; technology for processed products like pickles, chutneys, sauces particularly from raw mango, lime and other regional fruits and vegetables of importance; processing of fruits for candies, bars, toffees, jams and jellies, squashes and syrups using locally available fruits; dehydration of fruits and vegetables using various drying technologies like sun drying, solar drying (natural and forced convection), osmotic, tunnel drying, fluidized bed drying, freeze drying, convectional and adiabatic drying.

### ***MS 5210 Land Use Planning***

Introduction to land use planning, Land classification, Crop requirements and land qualities, GIS and remote sensing for land use planning, Socio-economic aspects of land use, Watershed approach in land use planning.

### ***MS 5211 Agricultural Price Analysis***

Nature and functions of agricultural prices, Demand and supply of agricultural commodities, Agricultural price movements, price forecasts and pricing policies.

## **Governing By-Laws: The Essentials**

### ***Registration***

- i. On acceptance by the Board of Study, Faculty Board and the Senate of the University, a person shall be registered as a postgraduate student of the University upon payment of prescribed fees.
  
- ii. The registration for the Master of Agriculture shall be deemed to have lapsed at the expiry of its period of validity. A candidate whose registration has so lapsed may renew his/her registration for a further period, provided that he/she is considered eligible for such re-registration by the Board of Study/Faculty Board and the University Senate.

### ***Registration Validity***

The period of registration shall be commenced from the date of commencement of the academic year. Any registration shall be for a period of one year.

### ***Renewal of Registration***

The registration for the Master of Agriculture shall be deemed to have lapsed at the expiry of its period of validity. A candidate whose registration has so lapsed may renew his/her registration for a further period, provided that he/she is considered eligible for such re-registration by the Board of Study/Faculty Board and the University Senate.

### ***Cancellation of Registration***

The University shall have the right to cancel the registration of a candidate at any time, notwithstanding anything stated contrary to above.

### ***Suspension of the Programme***

In the opinion of the Board of Study/Faculty Board/Senate of the University, if the number of persons who have applied and/or who are registered for the

programme in any given year is not sufficient and financially not viable, the Board of Study/Faculty Board/Senate of the University reserves the right not to conduct the programme. The University may refund any fees paid by the candidates.

### ***Refund Policy***

The total course fee is not refundable in any case. If a candidate fails to follow the course after registration, the money paid may be refunded retaining 25% of the total course fee, provided that the candidate has not attended a single study session.

### ***Absence from Classes***

- i. No candidate shall absent or leave the island or withdraw from examination or from any other aspect of evaluation without the prior approval of the Board of Study.
- ii. Excuses for the absence will be granted only if the absence is due to serious ill health, or death of a member of the immediate family or any other cause acceptable to the Board of Study and approved by the Senate. Even though excuse is granted to a student, he/she can sit the examination only on the current occasion or next immediate occasion as a proper candidate.
- iii. If a student fails to attend academic activities or examinations due to a medical reason, such absence should be reported to the Academic Coordinator by a valid medical certificate within 14 days from absence. All medical certificates should necessarily be obtained from one of the following medical officers.
  - a. University Medical Officer (UMO)
  - b. District Medical Officer
  - c. Consultant Specialist in the relevant field
  - d. Head of a Government Base Hospital
  - e. Medical Superintendent of a Provincial Ayurvedic Government Hospital
  - f. Ayurvedic Physician registered in the Ayurvedic Medical Council

- iv. Board of Study will accept medical certificates certified by the University Medical Officer
- v. Under exceptional circumstance, medical certificates issued by private hospitals or registered private practitioners could be considered by the University Medical Officer.
- vi. Students who fall ill during an examination session should immediately report to the Board of Study and send a medical certificate within 14 days from the examination.
- vii. Absence of a candidate from an examination in the event of the death of an immediate family member will be excused if approval is obtained from the Board of Study and the Senate by submission of the death certificate and appropriate proof of relationship. In that event, the student will receive a symbol of “DFR” (Deferred) for that course.

### ***Course Module***

The Master of Agriculture shall include courses (total of 30 credits) as prescribed in the student handbook.

### ***Adding and Dropping Courses***

Adding and dropping the courses are allowed within two weeks of the commencement of the academic semester.

### ***Minimum Number of Students for a Course***

The minimum number of students required for the commencement of a particular course in a semester shall be four (04). Courses where the minimum number is not satisfied, shall not be offered in the particular semester. However, the final decision will be taken by the Board of Study.

### ***Medium of Instruction***

The medium of instruction and all examinations shall be English.

### ***Examination Regulations***

Regulations relating to examinations in the Rajarata University of Sri Lanka are applicable for the Degree. In any examination matter, the decision of the Senate shall be the final.

### ***Evaluation Criteria***

- i. The evaluation shall be done at the end of each course module.
- ii. Courses shall be evaluated on the basis of continuous assessments (quizzes, reports, assignments, presentations, case studies, etc.) and end-semester examinations. Percent contribution of each component to the final grade shall be as follows,
  - Continuous assessments - 40%
  - End-Semester Examination - 60%
- iii. The end-semester examination shall consist of question paper for each course module with a maximum duration of three hours for which all candidates should appear.
- iv. A participant must obtain 40 percent from total marks to pass a course.
- v. Medical certificates shall not be taken into account for continuous assessments. Students will not receive marks for such components if he/she fails to attend the regular continuous assessments or to meet the requirements due to any reason.

### ***Eligibility for End-Semester Examination***

- i. A person shall not be permitted to sit for end of course examination unless
  - a. he/she has been duly registered as a postgraduate candidate from the commencement of the academic year/semester in which that examination is held.
  - b. he/she has attended at least eighty percent (80%) of the classes held.
  - c. he/she has submitted duly filled examination application on time.

- d. all rules relating to the examination procedure, offenses, and punishment of the Rajarata University of Sri Lanka apply to the Master Degree examination.
- ii. The Programme Director has certified that he/she has completed the course of studies leading to the Master of Agriculture by attending the required number of lecture hours, tutorial classes and other forms of instructions in the subject matter of each course.
- iii. If a candidate fails to maintain 80% of attendance in any subject, he/she has to repeat it at the repeat exam.
- iv. If any candidate does not fulfill requirements in terms of marks for continuous assessment and final examination, he/she shall complete an additional assessment to make up for the deficiency, with the recommendation of the Board of Study.

### ***Comprehensive Examination***

- i. The Board of Study shall appoint a five-member examination panel (at least one member from outside the teaching panel) for the comprehensive oral examination on receipt of the application by a candidate.
- ii. A candidate shall have a maximum of three attempts to obtain a satisfactory grade at the comprehensive examination.
- iii. If a candidate has not obtained a satisfactory ('S') grade at the third attempt of the comprehensive examination, the Board of Study reserves the right to recommend that the candidate be awarded a postgraduate diploma.

### ***Award of Degree***

- i. To be eligible to award the Master of Agriculture, the student
  - a. must successfully complete the required 30 credits.
  - b. must obtain a minimum Grade Point Average of 2.50.
  - c. should obtain a satisfactory grade (S) in comprehensive examination

- d. complete the relevant requirements within a period of four (04) academic years after the registration.
- ii. A student shall pay registration fees from the date of first registration to the date of the comprehensive examination in order to qualify for the award of the degree.
- iii. Award of Merits  
A student may be awarded a 'Merit Pass' provided she/he
  - a. obtains grades of B or better in course units aggregating to 30 credits
  - b. obtains a minimum GPA of 3.70 and
  - c. completes the relevant requirements within one academic year
- iv. Award of Distinction  
A student may be awarded a 'Distinction Pass' provided she/he
  - a. obtains grades A or better in course units aggregating to 30 credits
  - b. completes the relevant requirements within one academic year

### ***Repeat Candidate***

A candidate who does not satisfy the conditions for a pass (40 marks) shall be deemed to have failed the examination.

### ***Repeat Examinations***

- i. Repeat examination shall be arranged for those who fail to obtain 40 marks for a course within a period of one month from the last date of proper examination. Only two more occasions shall be allowed to re-sit for the examination.
- ii. The failures of the repeat examination will have to sit for the proper examination in the following year.
- iii. There will be additional fees charged from repeat and/or failed/ makeup examination candidates as determined by the Senate, depending on the expenses be incurred by the University to serve their repeat attempts in the examination process.

- iv. The highest grade obtainable in such an attempt will be a “C” grade. The grace attempt will be allowed subjected to the approval of the Board of Study and the Senate.
- v. Repeat candidates shall make all payments as prescribed by the Senate on the recommendation of the Board of Study and Faculty Board.

### ***Late Examination Application Fee***

An additional fee of 50% of the prescribed fee shall be charged, if the application is received within seven days of the due date for the receipt of applications and an additional fee of 100% of the prescribed fee shall be charged if the application is made after seven days, but within fourteen days of the due date. No applications shall be entertained under any circumstances after the lapse of fourteen days from the due date.

### ***Medical Certificates***

- i. If a candidate falls ill during the period of examination, he/she should obtain a medical certificate and should be sent to the Programme Director within two weeks.
- ii. The above candidates are allowed to sit for the repeat examination as proper candidates. They are not expected to pay the examination fee in such an attempt.

### ***Postponement of the Academic Year***

- i. If a candidate registered for the course applies for a postponement of the academic year, he/she may be given an opportunity to follow the next immediate offer. The application fee and the course fee paid are transferable only if the candidate has not attended a single lecture. Such candidates are required to pay the registration fee for the new academic year. However, if the course fee of the next offer has been increased, he/she has to pay the balance of the course fee to get registered.
- ii. If a candidate applies for a postponement after attending lectures, he/she is not allowed to postpone the academic year. However, the final decision on such a candidate will be taken by the Board of Study.

- iii. The request for postponement should be made to the Programme Director within a month after the registration.
- iv. The selected candidates are not allowed to transfer their registration to any other candidate.

### ***Notification of Results***

- i. The University shall display on the notice board/Learning Management System/Management Information System, the results of the candidates who have appeared for the examination of the Master's degree. In addition, all candidate shall be informed individually of the results of the examination.
- ii. The results of each semester will be reported to the candidates at the end of each semester with the grade earned by the candidate for each course as indicated in the grading system. The results sheet will be issued to each candidate following the release of results of each semester by the Examination Branch of the University.

### ***Grading System***

The following scheme shall be used for the purpose of computing the Grade Point Average (GPA).

<b><i>Marks (%)</i></b>	<b><i>Grade</i></b>	<b><i>GPV</i></b>
85 or above	A+	4.0
80-84	A	4.0
75-79	A-	3.7
70-74	B+	3.3
65-69	B	3.0
60-64	B-	2.7
55-59	C+	2.3
50-54	C	2.0
45-49	C-	1.7
40-44	D	1.3
<39	F	00

Overall Grade Point Average (GPA) is calculated using the formula given below. Grade Point Average (GPA) is the weighted arithmetic mean of the

grade point values. i.e. the GPA is determined by dividing the total Grade Point Value (GPV) by the total number of credits.

$$GPA = \frac{\sum C_i G_i}{\sum C_i}$$

Where  $C_i$  is the number of credits for the  $i^{\text{th}}$  course, and  $G_i$  is the grade point value obtained for the  $i^{\text{th}}$  course.

Candidates who get a lower grade than D for a course should repeat that course at the next immediate opportunity and he/she shall be given a maximum of C grade even if the student may obtain more than 54 marks. If a student has obtained a C<sup>-</sup> or D grade for a course, he/she has the option either to repeat the course or to keep the grade as it is, if he/she can maintain the overall minimum GPA requirement. However, a student shall keep a maximum of two D grades during the programme and shall retake all the other subjects for which they obtain D or lower grades.

### ***Effective Date of the Degree***

The effective date of the Master of Agriculture degree shall be the date on which the candidate passes the final comprehensive examination.

### ***Results Sheets / Transcripts***

- i. The fees payable for a certificate or statement of results or a transcript shall be determined by the Board of Study.
- ii. Transcript of examination results shall only be submitted to another academic institution.

## **Facilities for Students**

### ***Library***

The Faculty library facilitates with considerable amounts of learning and entertainment materials with lending and reference facilities. You have air-conditioned reading room with 50 seating capacity. You also have access to the main library, which is located in the Mihintale premises.

- Reference collection (SR) – You can borrow SR books for a short period of time.
- Lending collection (LN) – You can borrow LN books for two weeks.
- Permanent reference (PR) – You can only refer PR books in library. The reference materials such as encyclopedia, dictionaries, maps and atlases, glossaries, directories and other publications which are intended strictly for reference are kept in this section.

It manages a library data base management system with the open source software “KOHA”. Online Public Access Catalogue (OPAC) is the most user-friendly library information system. The library also has an audio-visual collection. You can borrow these materials as per your interest.

### ***Computer Unit***

The Computer Unit, Faculty of Agriculture provides IT facilities to student of the faculty. Computer unit maintains a local area network with free internet access via wired as well as wireless network throughout the faculty.

A Learning Management System (LMS) 'AgriVLE' has been established in the faculty in 2015 to enhance learner-centred education environment. It provides online and blended learning facilities to promote the smooth functioning of the academic programme. To navigate the LMS, follow the URL <http://www.rjt.ac.lk/agri/lms> and individual user credentials have been provided by the system manager to the teachers and the students within the system.

Currently the computer unit consists of a local area network around 50 computers. Students can use computer facilities equipped with various software subscriptions such as computer programming, engineering drawing

and landscape designing, GIS, and experimental methods in agricultural research.

### ***Audio-Visual Centre***

The Audio-visual unit (AVU) in the faculty provides you the expertise knowledge and on-demand facilities to produce audio visual materials. The unit maintains a collection of educational audio-visual materials which are academically supportive. Students can use the AVU to develop video films to educate farmers on good agricultural practices (GAPs). Production of brochures, flyers, leaflets and booklets related to agriculture will enhance scientific communication skills of students. AVU gives service and encourage students to conduct their research activities through audio visual techniques.

### ***Outreach Centre***

Outreach centre is an educational centre for farmers and students which conducts number of workshops, extension development and awareness programs. The outreach centre is prepared to provide high quality, high standard technology and services to the industry and the community. The outreach centre introduces new business activities and researches for students. In addition, it is a supporting hub for students to interact with farmers, identify their problems and suggest possible solutions.

### ***Wi-Fi Facility***

Wi-Fi zones are available in department complex, library, lecture halls, laboratories and student centre. Students have free access to Wi-Fi facilities for their academic purposes. Login credential may be obtained from the computer unit.

### ***Faculty Farm***

Faculty farm facility is one of the unique benefits that you get from the Faculty of Agriculture, RUSL. The classroom theory can be practiced in the farm. We have both uplands and lowlands for you to cultivate crops and area for rearing animals.

### ***Engineering Workshop***

You are allowed to use the resources and facilities in the workshop for your academic work and research programmes. Facilities are being made available to materialize your innovative machinery ideas through the Technology Incubation Centre.

### ***Student Centre***

The faculty student centre is a popular place for gatherings and to spend your leisure time. You can enjoy free Wi-Fi access, and a canteen with a purified water system (RO plant). This is an ideal place to enhance your social relationships.

### ***Sales Outlet***

You are benefited with low price printing, photocopying, binding, laminating facilities and stationaries at the faculty photocopy centre. You can taste faculty-produced ice-cream, yoghurt, and curd at the sales outlet. Other farm products are also available at reasonable price.

## Important Contacts

<i>Contact Name</i>	<i>Contact No</i>
<i>General Enquiries</i>	025 2235103
<i>Emergency</i>	118/119
Emergency Hotline	118/119
Fire Department - Anuradhapura	025 3858583
Anuradhapura Teaching Hospital	025 2222261
Faculty Main Security	025 2236632
<i>Faculty of Agriculture</i>	
Dean's office	025 2235103
Dean - Prof. A.M.J.B. Adikari	025 2221610
Assistant Registrar	025 2221613
<i>Departments</i>	
Department of Agricultural Engineering & Soil Science	025 2221612
Department of Agricultural Systems	025 2235102
Department of Animal and Food Sciences	025 2221614
Department of Plant Sciences	025 2221611
<i>Library</i>	
RUSL Agriculture Library	025 2236633
<i>Rajarata University of Sri Lanka (RUSL)</i>	
General - RUSL	025 2266643
	025 2266645
	025 2266646
	025 2266650
Vice Chancellor	025 2266512
Vice Chancellor Office - Mihintale	025 2266644
Registrar Office - Mihintale	025 2266511

	Bursar – Account Branch	025 2266749
	Senior Assistant Bursar	025 2266749
	Student Services Branch - Mihintale	060 2256349
	RUSL Main Library - Mihintale	025 2266643
<i>Other</i>	University Grants Commission (UGC)	011 2695301
		011 2695302
		011 2692357
		011 2675854
	Suwa Shanthi Private Hospital	025 2223636
	Royal Hospital	025 2224661
	Electricity Board-Customer Service- Anuradhapura	025 2222638
	National Water Supply & Drainage Board - Anuradhapura	025 2220727
	Anuradhapura Main Post Office	025 2222250
	Anuradhapura Depot - Sri Lanka Transport Board (SLTB)	025 2222325
	Railway Station – Mihintale Junction (2 km)	025 2266616
	Railway Station – Anuradhapura (5 km)	025 2222271
	Ambulance Service (Toll Free)	1990



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