

# STUDENT HANDBOOK 2025



**POSTGRADUATE PROGRAMMES**  
**FACULTY OF AGRICULTURE**  
Rajarata University of Sri Lanka



# **Student Handbook**

## **2025**

**Postgraduate Programme**  
**Faculty of Agriculture**  
**Rajarata University of Sri Lanka**

## Student Handbook 2025

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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**

It's with immense pride and honour I write this message to inaugurate the intakes 2025 of Master of Agriculture, Master of Philosophy in Agriculture, and Postgraduate Diploma in Rural Development postgraduate programs of the Faculty of Agriculture, Rajarata University of Sri Lanka. Despite the recent turmoil in the country, the faculty created its history by completing all the former intakes of these degree programmes well on time assuring its roadmap of becoming a centre of excellence in producing innovative and dynamic graduates with sound knowledge and requisite skills towards achieving a sustainable development in agriculture over the last two decades.



**Prof. (Mrs.) G.A.S. Ginigaddara  
Vice Chancellor, RUSL**

The Faculty of Agriculture Rajarata University of Sri Lanka is home for a vibrant and talented community of academia who have excelled in all fields of specialization within the broad discipline of agriculture. This spirit is seen in the recently introduced Master of Agriculture (MAgri) degree programme of the faculty. The professionals and graduates seeking to advance their knowledge and skills in modern fields of agriculture are attracted to this degree programme. The faculty set another milestone by introducing Master of Philosophy in Agriculture and Postgraduate Diploma in Rural Development postgraduate programs on its 20<sup>th</sup> anniversary celebrations. These new postgraduate programmes are expected to contribute to the country's journey towards achieving sustainable development in agriculture.

I am particularly appreciative of the Faculty of Agriculture for keeping all these programmes affordable while maintaining high standards of quality. All

these programmes are designed in par with the guidelines established by the Quality Assurance Council of the University Grant Commission of Sri Lanka that provide multiple parallel entries to the programmes. Provisions are given for credit transfers, early-exit and fallback options are defined for all postgraduate programmes.

This handbook gives you information and advice 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 postgraduate education journey from the commencement to the conclusion. Hence, I urge you to take the maximum advantage of all the pillars of the faculty.

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

Prof. (Mrs.) G.A.S. Ginigaddara

Vice Chancellor, Rajarata University of Sri Lanka



**Message from the Dean and  
Chairman of Board of Study, Faculty of Agriculture, RUSL**

Faculty of Agriculture, Rajarata University of Sri Lanka was established in 2001 and incepted at Puliyankulama, about 3 km away from the ancient city of Anuradhapura and about 10 km 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.



**Dr. G.V.T.V. Weerasooriya  
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 setup 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 and conducting research for the development of sustainable 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 to uplift the teaching and research capacity of the faculty to materialize the teaching, research and development agenda envisioned by our academic staff that we are proud about.

In this background, inauguration of postgraduate degree programmes; Master of Agriculture, Postgraduate Diploma in Rural Development and Master of Philosophy in Agriculture, are the harvest that we reap nearly two decades of experience in teaching and research in agriculture in Sri Lanka. Doctor of

Philosophy and Master of Science in Agroecology postgraduate degree programmes will be introduced soon. All these postgraduate programmes have been specially designed for the graduates who wish to obtain a postgraduate qualification within the broad discipline of agriculture and rural development. The programmes offer blended opportunity to specialize in various sub-disciplines through research projects. We also accept credits from other programmes as appropriate and progression pathways are set towards achieving 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,

Prof. G.V.T.V. Weerasooriya,  
Dean, Faculty of Agriculture, RUSL  
Chairman, Board of Study Postgraduate Programmes, FOA, RUSL

## **Message from the Programme Director**

It is with great pleasure that I welcome all the students who have registered for the postgraduate programs at the Faculty of Agriculture, Rajarata University of Sri Lanka (RUSL). Our faculty commenced its first postgraduate degree program, the Master of Agriculture, in 2020. Since then, our postgraduate portfolio has significantly expanded to include a diverse range of programs tailored to meet the evolving needs of the agricultural sector. This year, we are pleased to offer five specialized postgraduate programs: Postgraduate



**Dr. A.M.K.R. Bandara**  
**Programme Director**

Diploma in Rural Development, Master of Agriculture, Master of Science in Agroecology, Master of Philosophy in Agriculture, and Doctor of Philosophy in Agriculture. Each program is designed to deliver a rigorous academic and research experience, preparing you for leadership in your respective fields.

Furthermore, we are excited to announce the forthcoming launch of two more master's programs: the Master of Science in Food and Postharvest Technology, and the Master of Science in Agrotechnology and Environmental Management. These programs are being developed to address the critical challenges of sustainable agriculture and to equip our students with the necessary skills to drive innovation and technological advancement in the industry.

Our faculty is committed to excellence in teaching and research, featuring modern laboratories, comprehensive computer facilities, a well-stocked library, and smart classrooms. Our faculty members, recognized for their scholarly contributions and research expertise, are dedicated to mentoring our students and enriching their educational journey. We believe that the discipline and work ethic developed here will be invaluable throughout your professional careers.

I wish you success as you pursue your academic and professional aspirations at RUSL.

Sincerely,

Dr. A.M.K.R. Bandara  
Programme Director  
Postgraduate Programs  
Faculty of Agriculture  
Rajarata University of Sri Lanka

## **Background to the Postgraduate Programmes**

The vision of the faculty is to be a dynamic, innovative and renowned centre for excellence in agriculture. 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. To realise this mission, 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 Master of Agriculture degree programme was launched in 2019 and Master of Philosophy degree programme was launched in 2022. In collaboration with the entire university Postgraduate Diploma in Rural Development is also offered from 2022 under the Board of Study in Agriculture. Two new Postgraduate degree programmes, Doctor of Philosophy in Agriculture and Master of Science in Agroecology will be offered from 2025. These new postgraduate programmes aim to build on synergies in agriculture and rural economy to achieve rapid economic development and poverty reduction in the agriculture sector of the country.

The 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.

The new developments in agriculture sector have been utilized worldwide to empower people who are involved in agriculture. In addition, the government of Sri Lanka has recognized the agricultural development as

an important field of study to boost the development of the country. The government as well as many private sector organizations have established their research and development, and business facilities in the country, particularly in the north central, north and east provinces, where their workforce seeking to achieve postgraduate research qualifications. The Master of Philosophy degree programme was launched in this context to provide research opportunities for enhancing the postgraduate education in agriculture in the region.

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 for the three postgraduate programmes offered by the faculty.



**Location - Faculty of Agriculture, RUSL**



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



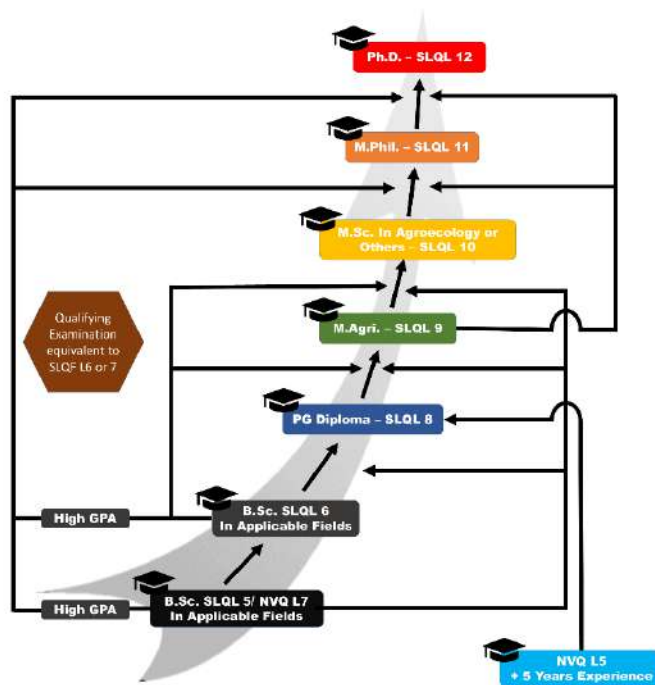
## Board of Study in Agriculture

*Prof. G.V.T.V. Weerasooriya*  
*Dr. A.M.K.R. Bandara*  
*Prof. Deepthi Nayananjalie*  
*Mrs. H.C.D. Wijayawardhana*  
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*Dr. S.S.J. Senevirathne*  
*Eng.(Mr.) H.M.A.P. Rathnayake*  
*Mrs. T. Luxshana*

Dean/Faculty of Agriculture | Chairman, Board of Study in Agriculture  
Programme Director  
Academic Coordinator – PhD  
Academic Coordinator – MAgri  
Academic Coordinator – MPhil  
Academic Coordinator – PG. Dip.  
Faculty Board Nominee to BOS  
Faculty Board Nominee to BOS  
Head/Dept. of Animal & Food Sciences  
Head/Dept. of Agri. Eng. & Soil Science  
Head/Dept. of Plant Sciences  
Head/Dept. of Agricultural Systems | Academic Coordinator – MSc  
Senate Nominee to BOS  
Faculty Board Appointed External Member  
Faculty Board Appointed External Member  
Assistant Registrar / Secretary to BOS

### Postgraduate Programmes

The Board of Study in Agriculture offers two-degree programmes at present, Master of Agriculture (MAgri) and Master of Philosophy (MPhil), and a Postgraduate Diploma in Rural Development. The entry pathways from bachelor level degree qualifications to our study programme according to the Sri Lanka Qualification Framework are summarized below. In principle, a bachelor level SLQL 5 (three-year degree) or NVQ L7 (B.Tech.) or bachelor level SLQL 6 (four-year degree) is required to enter any postgraduate degree programme under the Board of Study in Agriculture. However, NVQ L 5 or above (Diplomas) with five years of professional experience are also considered as an entry qualification to the Postgraduate Diploma in Rural Development.



**Possible Progression Pathways within the Postgraduate Programme,  
Faculty of Agriculture, Rajarata University of Sri Lanka**



ශ්‍රාම සංවර්ධනය පිළිබඳ වූ පශ්චාත්  
උපාධි සිප්ලෝමා පාඨමාලාව

**Postgraduate Diploma in Rural  
Development**

### පාඨමාලාවේ අරමුණු

#### Objectives of the Diploma Programme

- ග්‍රාම සංවර්ධනය පිළිබඳ වූ සෛද්ධාන්තික සහ ප්‍රායෝගික දැනුම සහ අවබෝධය වර්ධනය කිරීම.
- ග්‍රාමීය ජීවන රටාවෙහි විවිධ පැතිකඩයන් ඔස්සේ ග්‍රාම සංවර්ධනයට සමෝධානික ක්‍රමවේදයන් හඳුන්වා දීම.
- විවිධ උපාය මාර්ග උපයෝගී කර ගනිමින් ග්‍රාමීය ආර්ථිකය සහ ජීවන රටාව වර්ධනය කිරීමෙහි ලා අති තාක්ෂණික නිපුණතා වැඩිදියුණු කිරීම.
- ග්‍රාම සංවර්ධනය ක්‍රියාවලියෙහි ඵලදායී ලෙස නියැලීම සඳහා සංඛ්‍යේදන, අන්තර් පුද්ගල, කණ්ඩායම් වැඩ සහ නායකත්ව කුසලතා වැඩි දියුණු කිරීම.
- ග්‍රාම සංවර්ධනය ව්‍යපෘති සහ වැඩසටහන් සැලසුම් කිරීම, සකස් කිරීම, අධීක්ෂණය කිරීම සහ ඇගයීම සඳහා අවශ්‍ය කුසලතා වැඩි දියුණු කිරීම.
- ග්‍රාම සංවර්ධනය විෂය කේෂේත්‍රයේ පුළුල් පරාසයක දැනුම ලබා දීම තුළින් විවිධ ප්‍රතිපත්ති, උපායමාර්ග සහ ප්‍රවේශයන් පිළිබඳ විවේචනාත්මකව තක්සේරු කිරීමට සිප්ලෝමා අපේක්ෂකයින් පුරුදු පුහුණු කිරීම.
- ප්‍රජා විශ්ලේෂණය තුළින් ග්‍රාම සංවර්ධන ක්‍රියාකාරකම් සැලසුම් කිරීම සහ කළමනාකරණය පිළිබඳ පුහුණුවක් ලබා දීම.

### පාඨමාලාවේ අපේක්ෂිත ප්‍රතිඵලයන්

#### Programme Outcomes

පාඨමාලාව අවසානයේදී සිප්ලෝමාධාරීන් විසින්,

- ග්‍රාම සංවර්ධනය පිළිබඳ උසස් සෛද්ධාන්තික සහ ප්‍රායෝගික දැනුමක් සහ අවබෝධය ප්‍රදර්ශනය කල හැකි විය යුතුය.
- ග්‍රාමීය සමාජයෙහි දක්නට ලැබෙන විවිධ ගැටළු වලට ඉතාම යෝග්‍ය විසඳුම් ලබා දීම පිණිස කාර්යක්ෂම සහ ඵලදායී ලෙස සංඛ්‍යේදනය ක්‍රම උපයෝගී කර ගැනීම.
- සංකීර්ණ ගැටළු සහ අවස්ථා ක්‍රමානුකූල ලෙස විසඳීම පිණිස කණ්ඩායම් වැඩ සහ නායකත්වය කුසලතා උපයෝගී කර ගැනීම.
- ග්‍රාමීය ව්‍යවසායකත්වය ඇති කිරීම, සංවර්ධනය සහ කළමනාකරණය සඳහා පෙරමුණ ගැනීම සහ ස්වයං වගවීම.
- ග්‍රාම සංවර්ධනය ව්‍යපෘති සහ වැඩසටහන් සැලසුම් කිරීම සහ සමාජීය සක්‍රීය සහභාගීත්වය ඇති කිරීම පිණිස තොරතුරු තාක්ෂණය භාවිතා කිරීම.

- නිරන්තරයෙන් වෙනස් වන ග්‍රාමීය පසුබිමක පැන නැගෙන සංකීර්ණ ගැටළු වලට විසඳුම් ලබා දීම පිණිසත්, තිරසාර ග්‍රාම සංවර්ධනයක් උදා කර ගැනීම පිණිසත් වඩාත් සුදුසු ක්‍රමවේදයන් විශ්ලේෂණය, තේරීම සහ ඒකාබද්ධ කිරීම.
- ධනාත්මක වින්තනය සහ සමාජයීය වගකීම් තුළින් ග්‍රාම සංවර්ධන ක්ෂේත්‍රයේ දීර්ඝ කාලීන සංවර්ධන ඉලක්ක කරා යාමට උත්සුක වීම.
- ස්වාධීන අධ්‍යයනයන් හරහා වැඩිදුර පුහුණු අවස්ථා උපයෝගී කර ගැනීමෙන් තම වෘත්තීය සංවර්ධනය හා නිපුණතා ළඟා කර ගැනීම.

### අයදුම් කිරීමට තිබිය යුතු අවම සුදුසුකම්

#### Minimum Requirements for Registration

1. පිළිගත් විශ්වවිද්‍යාලයකින් ප්‍රථම උපාධිය ලබා තිබීම.

අ) අදාළ විෂයන් ආවරණය කෙරෙන පරිදි credit 30 ක් සම්පූර්ණ කර තිබීම.

හෝ

ආ) අදාළ විෂයන් ආවරණය කෙරෙන පරිදි credit 30 කට සමාන පූර්ව අධ්‍යයනයන්/පළපුරුද්දක් තිබීම.

හෝ

2. ශ්‍රී ලංකා රජරට විශ්වවිද්‍යාලයේ සනාථන සභාවේ අනුමතිය ලත් ආයතනයකින් NVQ 07 තත්වයේ පාඨමාලාවක් සම්පූර්ණ කර තිබීම.

හෝ

3. ශ්‍රී ලංකා රජරට විශ්වවිද්‍යාලයේ සනාථන සභාවේ අනුමතිය ලත් වෙනත් සුදුසුකමක් ලබා තිබීම.

සටහන:

පහත සඳහන් අදාළ ක්ෂේත්‍රවල වෘත්තීය අත්දැකීම් තිබීම වඩාත් සුදුසුය. ග්‍රාමීය සංවර්ධනයට අදාළ ජාතික හෝ පළාත් ජාතික දෙපාර්තමේන්තු, සිවිල් සමාජ සංවිධාන හෝ ග්‍රාමීය සංවර්ධනයට අදාළ වෙනත් නියෝජිතයන්.

සහ

NVQ level (5) හෝ ඊට ඉහළ ඩිප්ලෝමාවක් සමග අවම වශයෙන් වසර පහක වෘත්තීය පළපුරුද්දක් තිබීම.

## අයදුම් කිරීමේ පිළිවෙල

### Application Procedure

#### **අයදුම්පතක් ලබා ගන්නේ කෙසේද?**

#### *How to Obtain an Application?*

- කෘෂිකර්ම පීඨ/රජරට විශ්වවිද්‍යාල වෙබ් අඩවියෙන් භාගත කිරීම.
- ලිපිනය සහිත ලිපි කවරයක් සමඟ ඉල්ලීමක් කිරීම.
- කෘෂිකර්ම පීඨයට පැමිණ අයදුම්පතක් ලබා ගැනීම.

වෙබ් අඩවියෙන් අයදුම්පතක් ලබා ගැනීම සඳහා <https://pg.foa.rjt.ac.lk/> වෙබ් අඩවිය භාවිතා කළ යුතුය. තැපෑල මගින් අයදුම්පතක් ලබා ගැනීම සඳහා ලිපිනය ලියන ලද, රු 200 ක මුද්දරයක් ඇලවූ 9”×6” ප්‍රමාණයේ ලිපි කවරයක් සහකාර ලේඛකාධිකාරී, කෘෂිකර්ම පීඨය, ශ්‍රී ලංකා රජරට විශ්වවිද්‍යාලය යන ලිපිනයට යොමු කළ යුතුය. අයදුම්පත් සහ උපදෙස් මාලාව කෘෂිකර්ම පීඨයට පැමිණාද ලබා ගත හැකිය.

#### **අයදුම්පත සමඟ ඉදිරිපත් කළ යුතු ලියකියවිලි මොනවාද ?**

#### *What Should be Included in the Application Packet?*

ඔබගේ අයදුම්පත සමඟ පහත සඳහන් ලියකියවිලි ඉදිරිපත් කළ යුතුය.

- නිසි පරිදි පුරවා ඇති අයදුම්පත
- සහතික කරන ලද අධ්‍යාපන සහ වෘත්තීය සුදුසුකම්
- උප්පැන්න සහතිකයේ සහ ජාතික හැඳුනුම්පතෙහි පිටපත්
- අයදුම්පත් පත් ගාස්තු වන රු 2000 ක් ගෙවන ලද බැංකු ලදුපත
- අධ්‍යයන/උපාධි සහතික (ඔබගේ ප්‍රථම උපාධිය ලබා ගත් විශ්වවිද්‍යාලයෙන් සෘජුවම ලැබීමට සැලැස්විය යුතුය.
- නිසි පරිදි සම්පූර්ණ කරන ලද නිර්දේශ ලිපි දෙකක් යොමු කළ යුතුය.

**අයදුම් කරන්නේ කෙසේද?**

**How to Apply?**

අයදුම්පත සහ ලියකියවිලි සමඟ මහජන බැංකුවේ අනුරාධපුර ශාඛාවේ ඇති කෘෂිකර්ම පීඨය, ශ්‍රී ලංකා රජරට විශ්වවිද්‍යාලය ගිණුම් අංක **008-1-001-6-0114574** යන ගිණුමට රු 2000 ක් ගෙවන ලද බැංකු ලදුපත (අයදුම්කරුගේ නම සහ ලිපිනය සඳහන් කළ යුතුය) ලේඛකාධිකාරී, කෘෂිකර්ම පීඨය, පුලියන්කුලම, අනුරාධපුරය, ශ්‍රී ලංකා රජරට විශ්වවිද්‍යාලය යන ලිපිනයට යොමු කළ යුතුය.

**පාඨමාලා ගාස්තු**

**Programme Fees**

ගාස්තු ව්‍යුහය	රු.
අයදුම්පත් ගාස්තු <sup>අ</sup>	2000.00
පාඨමාලා ගාස්තු <sup>ආ</sup>	100,000.00
ලියාපදිංචි ගාස්තු	4,000.00
පුස්තකාල තැන්පතු (ආපසු ගෙවිය හැකි)	5,000.00
පුස්තකාල තැන්පතු ( ආපසු ගෙවිය නොහැකි)	1,500.00
විභාග ගාස්තු (Credit එකකට රු 950)	25,650.00
විභාග නැවත පෙනී සිටීම (Credit එකකට රු 950)	
ව්‍යාපෘති අවසාන වාරික පරීක්ෂණ ගාස්තු	5,350.00
අන්තර්ජාල/පරිගණක ගාස්තු	1,500.00
ඩිප්ලෝමා සහතික දේශීය	1,000.00
ඩිප්ලෝමා සහතික විදේශීය	2,000.00
ඩිප්ලෝමා විස්තරාත්මක සහතික	500.00
විශ්වවිද්‍යාල හැඳුනුම්පත් ගාස්තු	500.00

අ - අයදුම්පත් ගාස්තු අයදුම්පත ඉදිරිපත් කරන අවස්ථාවේ සිදුකළ යුතු අතර නැවත නොගෙවනු ලැබේ.

ආ - අධ්‍යයන මණ්ඩලයේ අනුමැතිය යටතේ උපරිම 50,000.00 බැගින් වාරික දෙකකින් ගෙවිය හැකිය

## Teaching Panel – Postgraduate Diploma in Rural Development

### *Faculty of Agriculture*

<i>AMJB Adikari</i>	BSc (Agric.) (Peradeniya, Sri Lanka), MSc (NDRI, India), PhD (Virginia Tech, USA)	Professor	Molecular and Comparative Genetics
<i>WAD Nayananjalie</i>	BSc (Agric.), MSc (Peradeniya, Sri Lanka), PhD (Virginia Tech, USA)	Professor	Animal Nutrition
<i>GAS Ginigaddara</i>	BSc (Agric.), MPhil (Peradeniya, Sri Lanka), PhD (AIT, Thailand)	Professor	Agricultural Systems
<i>MHJP Gunarathna</i>	BSc (Agric.) (Ruhuna, Sri Lanka), MSc (IRRI/CLSU, Philippines), PhD (Kagoshima, Japan)	Professor	Water Management
<i>NS Abeysingha</i>	BSc (Agric.) (Ruhuna, Sri Lanka), MSc (Jayawadanapura, Sri Lanka), PhD (IARI, New Delhi, India)	Professor	Watershed Management
<i>MGTS Amarasekara</i>	BSc (Agric.), MPhil, PhD (Peradeniya, Sri Lanka)	Professor	Soil Fertility Management
<i>MKN Kumari</i>	BSc (Agric.) (Ruhuna, Sri Lanka), MPhil (Peradeniya, Sri Lanka), PhD (Kagoshima, Japan)	Professor	Water Management
<i>GVTV Weerasooriya</i>	BSc (Agric.) (Ruhuna, Sri Lanka), MPhil (Peradeniya, Sri Lanka), PhD (Peradeniya, Sri Lanka)	Professor	Farm Power and Machinery



<i>DMD Dissanayake</i>	BSc (Agric.), MSc (Moscow, Russia), PhD (Peradeniya, Sri Lanka)	Senior Lecturer	Agronomy and Organic Agriculture
<i>DAUD Devasinghe</i>	BSc (Agric.), MPhil, PhD (Peradeniya, Sri Lanka)	Senior Lecturer	Horticulture
<i>WCP Egodawatta</i>	BSc (Agric.), MSc (Peradeniya, Sri Lanka), Dr Sc (ETH-Zurich-Switzerland)	Senior Lecturer	Crop Science
<i>LKW Wijayaratne</i>	BSc (Agric.) (Ruhuna, Sri Lanka), MSc (Agric.) (Peradeniya, Sri Lanka), PhD (Manitoba, Canada)	Senior Lecturer	Entomology and Pest Management
<i>UGAI Sirisena</i>	BSc (Agric.) (Rajarata, Sri Lanka), MSc (Peradeniya, Sri Lanka), PhD (Peradeniya, Sri Lanka)	Senior Lecturer	Entomology and Pest Management
<i>LP Rupasena</i>	BA (Econ) (Peradeniya, Sri Lanka), MSc (Agri. Econ.) (Pertanian Malaysia), PhD (Agribusiness Mgt) (Dharward, India)	Senior Lecturer	Agricultural Marketing
<i>APS Fernando</i>	BSc (Agric.) (Rajarata, Sri Lanka), MPhil (Peradeniya, Sri Lanka), PhD (Massey, New Zealand)	Senior Lecturer	Agricultural Economics
<i>GDA Nalaka</i>	BSc (Agric. Tech. & Mgt), MSc (Peradeniya, Sri Lanka), D.Agri. (Kyoto, Japan)	Senior Lecturer	Forestry and Plantation Management
<i>CAK Dissanayake</i>	BSc (Agric), MPhil (Peradeniya, Sri Lanka), PhD (Peradeniya, Sri Lanka – Reading)	Senior Lecturer	Food Science and Postharvest Technology

<i>SMCB Karalliyadda</i>	BSc (ATM.) (Peradeniya, Sri Lanka), MSc (OM) (Peradeniya, Sri Lanka), M (RDAE) (Saga, Japan) PhD (Kagoshima, Japan), PQHRM (Sri Lanka)	Senior Lecturer	Agricultural Extension Organizational Management and Behavior Human Ecology Rural and Environmental Sociology
<i>RHGR Wathsala</i>	BSc (Agric.) (RUSL, Sri Lanka), MSc (Peradeniya, Sri Lanka), MSc (UNINA, Italy), PhD (UNIBO, Italy)	Senior Lecturer	Aquaculture and Fisheries, Molecular Physiology
<i>EJK Kosgollegedara</i>	BSc (Agric.) (RUSL, Sri Lanka), MPhil (Agricultural Engineering and Biosystem Technology) (Peradeniya, Sri Lanka)	Senior Lecturer	Farm Power and Mechanizations
<i>EDT Somarathne</i>	BSc (Physical Sci.) (Peradeniya, Sri Lanka), MSc (Peradeniya), MPhil (Peradeniya, Sri Lanka)	Computer Instructor	Computer Technology

*Faculty of Management Studies*

<i>RKD Randeni</i>	PhD (Reading), MCom (Kel.), BA Econ. (Sp.) (Kel.)	Senior Lecturer	Economics
<i>WWAN Sujeewa</i>	PhD (Reading), MCom (Kel.), MCom (Kel.), BCom (Sp.)(SJP), LICA, CTHE (Col.)	Senior Lecturer	Human Resource Management
<i>JK Mallika</i>	PhD (P.R. China), MPhil (Kel.), MA (Kel.), BA (Sp.) (SJP)	Senior Lecturer	Economics
<i>CMYSS Bandara</i>	PhD (Col.), MBA (RUSL), BSc (Busi. Mgt.) Sp. (RUSL), LLB (OUSL)	Senior Lecturer	Management, Organizational behaviour, Project Management
<i>AADP Bandara</i>	MBA (RUSL), BSc Acc. (Sp.) (SJP), CTHE (RUSL)	Senior Lecturer	Accounting and finance
<i>H.M.R.D. Kularathne</i>	MSc in Management (USJ), BSc in HRM (USJ)	Lecturer (Temp.)	Human Resource Management
<i>Ms. KAKS Rathnakara</i>	MSc (SJP), BSc in HRM (Special) (SJP), Diploma in Counselling Psychology	Lecturer (Temp.)	Human Resource Management
<i>Ms. B.L Suraweera</i>	BSc in Business Management (RUSL)	Lecturer (Temp.)	Business Management

***Faculty of Applied Sciences***

<i>Sriyani Wickramasinghe</i>	BSc (Hons) in Zoology (Colombo, Sri Lanka), MSc (Environmental Sciences) (Colombo, Sri Lanka), PhD (Thailand)	Professor	Biodiversity Population Ecology Habitat characterization of birds Waste Water Management
<i>TV Sundarabarathy</i>	BSc (Hons) (Sri Jayawardenepura, Sri Lanka), MSc (Peradeniya, Sri Lanka), PhD (Peradeniya, Sri Lanka)	Professor	Fish Nutrition Fish Breeding Diversity of Fish Fisheries and Aquaculture

***Faculty of Social Sciences and Humanities***

<i>DSW Gunawardane</i>	BA (Special) in Sociology (Kelaniya, Sri Lanka), MSc in Sociology (Kelaniya), PhD in Sociology (Kelaniya, Sri Lanka)	Professor	Gender & Sociology, Rural Sociology & Development Sociology
<i>MWNU Gunasinghe</i>	BA (Hons) in Mass Communication (Kelaniya, Sri Lanka), MPhil in Mass Communication (Kelaniya, Sri Lanka), Diploma in Print Media (SMS-Colombo), Diploma in English (NPE- Kandy)	Senior Lecturer	Mass Communication

*Faculty of Medicine and Allied Sciences*

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<i>PHG Janaka Pushpakumara</i>	MBBS PgD (Psychology) MPhil	Senior Lecturer	Family Medicine
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*External Teaching Panel*

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<i>Anuruddha Wijerathna</i>	Attorney – At -law
<i>Nisanka Jyarathna</i>	Attorney – At -law
<i>MAIT Marasinghe</i>	BSc (Business Management) (Special), Dip (HRM), MSc (Management (USJP) ICASL Reading

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### **පාඨමාලාවේ ව්‍යුහය**

#### ***Programme Structure***

ග්‍රාම සංවර්ධනය පිළිබඳ වූ පශ්චාත් උපාධි ඩිප්ලෝමා පාඨමාලාව දේශන සහ ව්‍යාපෘතියකින් සමන්විත වන අතර අධ්‍යයන සමාසික දෙකකින් යුක්ත වේ. සම්පූර්ණ පාඨමාලා කාල සීමාව අවුරුදු එකකි. ග්‍රාම සංවර්ධනය හා අදාළ සියලු විෂය පථයන් ආවරණය වන පරිදි මෙම පාඨමාලාව සකස් කොට ඇති අතර සෛද්ධාන්තික හා ප්‍රායෝගික දැනුම ලබා දීම තුළින් අපේක්ෂකයින්ගේ දැනුම, නිපුණතා සහ කුසලතා වැඩිදියුණු කිරීමට අපේක්ෂා කෙරේ. ව්‍යාපෘතිය credits 2 කින් යුක්ත වන අතර සිසුන්ගේ පර්යේෂණ, විශ්ලේෂණ සහ තාර්කික කුසලතා වැඩිදියුණු කිරීමට මෙමගින් අපේක්ෂා කෙරේ. මෙම පාඨමාලාව විෂයයන් 16 කින් සමන්විත වන අතර අපේක්ෂකයින් විසින් සියලුම විෂයයන් සම්පූර්ණ කළ යුතුය. විෂයන්ගේ ඇගයීම් සමාසික අවසාන පරීක්ෂණයකින් සහ අඛණ්ඩ ඇගයීම් (Quizzes/Assignments/Reports Presentations) වලින් සමන්විත වේ. අවසාන ව්‍යාපෘතිය පරීක්ෂණ මණ්ඩලයක් මගින් වාචිකව ඇගයීමකට ලක් කෙරේ. මෙම පාඨමාලාව සිංහල භාෂාවෙන් පවත්වන අතර සියලුම දේශන සහිත අන්ත දින වල පැවැත්වේ. පාඨමාලාව පිළිබඳ වැඩිදුර විස්තර මෙම අත් පොතෙහි “පාලන ව්‍යවස්ථාවේ අත්‍යවශ්‍ය කොටසෙහි” දක්වා ඇත.

### **පාඨමාලාව සම්පූර්ණ කිරීමට සැපිරිය යුතු අවශ්‍යතා**

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

අපේක්ෂකයින් විසින් credits 27 ක් සම්පූර්ණ කළ යුතු අතර අවම වශයෙන් GPA 2 ක් පවත්වාගෙන යා යුතුය. ව්‍යාපෘතිය නිසි පරිදි සම්පූර්ණ කර නිබන්ධ යුතු අතර නිබන්ධ හැකි උපරිම D සාමාර්ථ ගණන 2 කි. තවද කිසිම විෂයක් අසමර්ථ නොවිය යුතුය. ලියාපදිංචි වූ අයෙක් උපරිම අවුරුදු 4ක් තුළදී පාඨමාලාව නිම කිරීම අත්‍යවශ්‍ය වේ. වැඩිදුර විස්තර මෙම අත් පොතෙහි “පාලන ව්‍යවස්ථාවේ අත්‍යවශ්‍ය කොටසෙහි” දක්වා ඇත.

**පළමු සමාසිකය**

**Courses for Semester 1**

විෂය කේතය	විෂය ඒකකය	Credit Value	කාල සීමාව (පැය)
PDRD 1112	ග්‍රාමීය සමාජ විද්‍යාව	2	30
PDRD 1121	ආපදා කලමනාකරණය	1	15
PDRD 1131	ග්‍රාමීය ආර්ථිකය සහ ක්ෂුද්‍රමූල්‍ය	1	15
PDRD 1142	ග්‍රාමීය කෘෂිකර්මය සහ නිෂ්පාදන පද්ධති	2	30
PDRD 1152	ජල සම්පත් කලමනාකරණය	2	30
PDRD 1161	මානව සම්පත් කලමනාකරණය	1	15
PDRD 1171	සංඛ්‍යාන විද්‍යාව මූලධර්ම සහ භාවිතය	1	15
PDRD 1182	ස්වභාවික සම්පත් සංවර්ධනය සහ කලමනාකරණය	2	30
PDRD 1192	ග්‍රාමීය අලෙවිකරණය	2	30

**දෙවන සමාසිකය**

**Courses for Semester 2**

විෂය කේතය	විෂය ඒකකය	Credit Value	කාල සීමාව (පැය)
PDRD 1211	සිවිල් නීතිය	1	15
PDRD 1222	සත්ව පාලනය සහ ජලජීවී වගාව	2	30
PDRD 1232	ව්‍යාපෘති කලමනාකරණය	2	30
PDRD 1241	ග්‍රාම සංවර්ධනය සඳහා තොරතුරු තාක්ෂණය	1	15
PDRD 1252	ග්‍රාමීය සෞඛ්‍ය ප්‍රවර්ධනය	2	30
PDRD 1262	ග්‍රාමීය ව්‍යවසායකත්වය	2	30
PDRD 1271	ග්‍රාමීය බලගැන්වීම	1	15
PDRD 1282	ව්‍යාපෘතිය	2	10

**විෂය අන්තර්ගතය**

**Course Capsules**

**PDRD 1112**      *ග්‍රාමීය සමාජ විද්‍යාව*

**PDRD 1112 Rural Sociology**

ග්‍රාමීය සමාජය සහ එහි ලක්ෂණ, ග්‍රාමීය සමාජය පිළිබඳ සම්භාව්‍ය අධ්‍යයනයන්, ශ්‍රී ලංකාවේ ග්‍රාමීය සමාජය, ශ්‍රී ලංකාවේ ග්‍රාමීය සමාජය තුළ වෙනස් වීම් රටාව, ග්‍රාම සංවර්ධනය, ශ්‍රී ලංකාවේ ග්‍රාම සංවර්ධන උපාය මාර්ග, ග්‍රාම සංවර්ධන සැලසුම්, ග්‍රාමීය සහනාගීත්ව ප්‍රවේශය.

**PDRD 1121**      *ආපදා කළමනාකරණය*

**PDRD 1121 Disaster Management**

ආපදා සහ හදිසි අවස්ථා, ආපදා කළමනාකරණ සංකල්පය සහ සිද්ධාන්ත, ආපදා වල බලපෑම, ආපදා සහ සංවර්ධනය, ගෝලීය උණුසුම සහ කාලගුණික විපර්යාස, ආපදා අවදානම් කළමනාකරණය:ආපදා අවදානම් අවම කිරීම, ආපදා පෙර සහ පසු තත්ව වලදී අවශ්‍යතා තක්සේරු කිරීම, ආතති කළමනාකරණය, ලිංගිකත්වය පදනම් වූ ප්‍රවණ්ඩත්වය දුර්ලිම, ආපදා තත්වයකදී මානව සහ ළමා රැකවරණය, මානුෂීය ජර්‍යාපනය සහ, මානුෂීය ප්‍රතිචාරයන්හි සම්මතයන්, ආපදා කළමනාකරණ චක්‍රය

**PDRD 1131**      *ග්‍රාමීය ආර්ථිකය සහ ක්ෂුද්‍රමූල්‍ය*

**PDRD 1131 Rural Economy and Microfinance**

ශ්‍රී ලංකාවේ ග්‍රාමීය ආර්ථිකය; ආර්ථිකය සහ ආර්ථික සංවර්ධනය, ග්‍රාමීය ආර්ථිකය සංවර්ධනය, ග්‍රාමීය ආර්ථිකයේ ප්‍රදේශීය විෂමතා, සමස්ථ ආර්ථිකයට ග්‍රාමීය ආර්ථිකයේ බලපෑම, ග්‍රාමීය ආර්ථිකය සංවර්ධනය හඳුනා ගැනීම, ග්‍රාමීය ආර්ථිකයේ සම්පත්, ශ්‍රී ලංකාවේ ක්ෂුද්‍ර මූල්‍ය හැඳුන්වීම, ආර්ථික සංවර්ධනය සහ මූල්‍ය අවශ්‍යතා, ග්‍රාමීය ආර්ථිකය සහ ක්ෂුද්‍ර ණය, ක්ෂුද්‍ර ණය භාවිතය, ක්ෂුද්‍ර ණය සහ ග්‍රාමීය බලගැන්වීම, ආර්ථික සංවර්ධනයෙහි වර්තමාන ප්‍රවණතා සහ උපායමාර්ග.



**PDRD 1142            ග්‍රාමීය කෘෂිකර්මය සහ නිෂ්පාදන පද්ධති**

**PDRD 1142 Rural Agriculture and Production Systems**

ශ්‍රී ලංකාවේ කෘෂිකර්මය පිළිබඳ හැඳින්වීම, කෘෂි පාරිසරික පද්ධති සහ බෝග වර්ගීකරණය, නිවර්තන කලාපීය කෘෂිකාර්මික උපාය මාර්ග: නව කෘෂිකාර්මික තාක්ෂණය, බිම් සැකසීම, බෝග ස්ථාපනය, පොහොර කලමනාකරණය, ජල කලමනාකරණය, පස සංරක්ෂණය, බෝග ආරක්ෂණය: රෝග සහ පළිබෝධ පාලනය, වල් පැළ පාලනය, කාබනික ගොවිතැන, පාරිසරික ගොවිතැන, කෘෂි පරිසර සංචාරක ව්‍යාපාරය, කෘෂිකාර්මික නිෂ්පාදනවල පසු අස්වනු තාක්ෂණය, ගෘහාශ්‍රිත කෘෂි ව්‍යාපාර, තවාන් පාලනය, බිම්මල් වගාව, මී මැසි පාලනය, ගෙවතු වගාව, ග්‍රාමීය ව්‍යාපාරයක් ලෙස කෘෂිකර්මය, ග්‍රාමීය බලශක්ති සැලසුම්, බලශක්ති ප්‍රභවයන්.

**PDRD 1152            ජල සම්පත් කලමනාකරණය**

**PDRD 1152 Water Resources Management**

ශ්‍රී ලංකාවේ සහ ලෝකයේ ජල සම්පත් කලමනාකරණය හැඳින්වීම, ජල පෝෂක ක්‍රියාවලිය සහ ජල සංචිත සංරක්ෂණය, භූගත ජල විද්‍යාවේ මූලධර්ම, ජලය සහ ජල පරිවහනය, ජල තත්ත්ව කලමනාකරණය, පරිසර පද්ධති තුළ ජලයේ වැදගත්කම, ඒකාබද්ධ ජල සම්පත් කලමනාකරණය, ජලය සහිතව සංරක්ෂණය සහ ප්‍රජා පහසුකම්.

**PDRD 1161            මානව සම්පත් කලමනාකරණය**

**PDRD 1161 Human Resource Management**

මානව සම්පත් කලමනාකරණය හැඳින්වීම: රැකියා නිර්මාණය රැකියා විශ්ලේෂණය : බඳවා ගැනීම්, තක්සේරු මධ්‍යස්ථාන, බඳවා ගැනීම් සහ හඳුන්වාදීම්: සේවක කාර්ය සාධනය කලමනාකරණය, පුහුණු සහ සංවර්ධනය:අධ්‍යාපනය පුහුණු ක්‍රම සහ ක්‍රියාවලි, පුහුණු ආයතනයක වගකීම්, පුහුණු කිරීමේ අභියෝග, හානිපූර්ණ කලමනාකරණය, හානිපූර්ණ පද්ධති නිර්මාණය කිරීම, සේවක විනය පාලනය, දූෂිත සේවකයන් පාලනය, සේවක

දුක් ගැනිවිලි කලමනාකරණය, සේවක දුක් ගැනිවිලි වලට හේතු , සේවක දුක් ගැනිවිලි කලමනාකරණය ක්‍රම, සේවක සෞඛ්‍ය හා ආරක්ෂාව.

**PDRD 1171 සන්නිවේදනය මූලධර්ම සහ භාවිතය**

***PDRD 1171 Communication Principles and Practice***

ජන සන්නිවේදනය හැඳින්වීම සහ අර්ථ දැක්වීම, ජන සන්නිවේදනයේ ඉතිහාසය සහ සංවර්ධනය, ජන සන්නිවේදනයේ මූලිකාංග, ජන සන්නිවේදනයේ අරමුණු, ජන සන්නිවේදනයේ විවිධ ආකෘති, සන්නිවේදනයේ සිට ජන සන්නිවේදනය දක්වා සංක්‍රාන්තිය, ජන සන්නිවේදන මාධ්‍ය වර්ගීකරණය, ජන සන්නිවේදන මාධ්‍යවල විභවයන් සහ දුර්වලතා, සන්නිවේදන ක්‍රියාවලිය සහ කාර්යයන්, සන්නිවේදන ක්‍රම, සදාචාරාත්මක මාධ්‍ය භාවිතය, සංවර්ධනය සඳහා සන්නිවේදනය හැඳින්වීම, ජන සන්නිවේදන මාධ්‍යයන්හි සමාජ බලපෑම.

**PDRD 1182 ස්වභාවික සම්පත් සංවර්ධනය සහ කලමනාකරණය**

***PDRD 1182 Natural Resource Development and Management***

පරිසරය සහ ජෛව විවිධත්වය පිළිබඳ හැඳින්වීම සහ විශ්ලේෂණය: ජෛව විවිධත්වයෙහි විවිධ මට්ටම්, ජෛව විවිධත්වයෙහි විවිධත්වයෙහි මිනුම් සහ වෙනස් කිරීම්, ජෛව භූගෝල විද්‍යාව, පරිසරය සහ ජෛව විවිධත්වයෙහි වටිනාකම සහ වැදගත්කම, පරිසරයට සහ ජෛව විවිධත්වයට වටිනාකමක් දීමට ඇති හේතු, පරිසර සංචාරක ව්‍යාපාරවල විභවය, ජෛව විවිධත්වයෙහි ආර්ථිකමය සහ පාරිසරික වටිනාකම, සංරක්ෂණය පිළිබඳ අධ්‍යාපනය සහ ක්‍රියාකාරකම්, සංරක්ෂණය සඳහා පාරිසරික අධ්‍යාපනය: සංරක්ෂණ ක්‍රියාකාරකම්, ස්වභාවික සම්පත්, සංවර්ධනය සහ සංරක්ෂණය, ස්වභාවික සම්පත්, තක්සේරුව, ඇගයීම, භාවිතය, සංරක්ෂණය සහ මූලධර්ම.

**PDRD 1192 ග්‍රාමීය අලෙවිකරණය**

***PDRD 1192 Rural Marketing***

ග්‍රාමීය වෙළඳපොළ සහ අලෙවිකරණය, ග්‍රාමීය ආර්ථිකය, ග්‍රාමීය වෙළඳපොළෙහි අභියෝග සහ අවස්ථා, සමාජ සංස්කෘතික සහ ජනවිකාස පසුබිම, වෙළඳපොළ ව්‍යුහය සහ බන්ධනය, ග්‍රාමීය සහ නාගරික වෙළඳපොළ හඳුනා ගැනීම, ග්‍රාමීය

පාරිභෝගිකයින්ගේ ලක්ෂණ සහ වර්ගීකරණය, අලෙවිකරණය සහ අලෙවි ප්‍රවර්ධනය, උපක්‍රම, ආකල්ප, සංස්කෘතිය සහ පාරිභෝගිකයින් හැසිරීම.

**PDRD 1211 සිවිල් නීතිය**

**PDRD 1211 Civil Law**

ශ්‍රී ලංකාවේ නීතිය සහ නීති පද්ධතිය පිළිබඳ හැඳින්වීම, පරිපාලන නීති, රාජ්‍ය පරිපාලන කාර්යයන්හි නීතිමය පසුබිම, රාජ්‍ය පරිපාලන කාර්යයන්හි අධිකරණමය පරිපාලන, රාජ්‍ය නිලධාරීන්හට පැවරී ඇති නීතිමය බලතල, Doctrine of ultra-virus, රාජ්‍ය පරිපාලන කාර්යයන්හි ස්වභාවික යුක්තිය, රාජ්‍ය පරිපාලන කාර්යයන්හි නීතිමය පිළියම්, නියෝජිත නීති, අධිකරණ සමාලෝචනය සඳහා ව්‍යස්ථාපිත සීමා කිරීම්.

**PDRD 1222 සත්ව පාලනය සහ ජලජීවී වගාව**

**PDRD 1222 Animal Husbandry and Aquaculture**

සත්ව පාලනය පිළිබඳ හැඳින්වීම, ශ්‍රී ලංකාවේ කෘෂිකර්මයෙහි පශු සම්පත් අංශයේ කාර්ය භාර්ය, සාම්ප්‍රදායික පශු සම්පත් කළමනාකරණ පද්ධති, ග්‍රාමීය කෘෂිකර්මාන්තයේ භාවිතා වන සතුන්, සත්ව පාලනයෙහි වත්මන් තත්වය, ගොවිපල සතුන් ඇති කිරීමේ සීමාවන්, සත්ව පාලනයෙහි අනාගත ප්‍රවණතා, විවිධ ගොවිපල සතුන්, ගොවිපල සතුන් කළමනාකරණය: ජලජීවී වගාව, ජලජීවී වගාවේ මූලධර්ම, මිරිදිය මත්ස්‍ය වගාව, විසිතුරු මත්ස්‍ය වගාව, තිරසාර පශු සම්පත් සංවර්ධනය, නිෂ්පාදන යෙදවුම් ලෙස ගොවිපල සතුන් භාවිතා කිරීම, තිරසාර කෘෂිකර්මයක් සඳහා ගොවිපල සතුන් භාවිතය.

**PDRD 1232 ව්‍යාපෘති කළමනාකරණය**

**PDRD 1232 Project Management**

ව්‍යාපෘති කළමනාකරණය පිළිබඳ හැඳින්වීම, ව්‍යාපෘති සහ සංවිධාන, ව්‍යාපෘති තෝරා ගැනීම, ව්‍යාපෘති අර්ථ දැක්වීම, ව්‍යාපෘති ක්‍රියාකාරී සැලසුම් පිළියෙල කිරීම, සම්පත් හඳුනාගැනීම සහ වෙන් කිරීම, ව්‍යාපෘති අවදානම කළමනාකරණය, කඩිනම් ව්‍යාපෘති, ව්‍යාපෘති අධීක්ෂණය සහ ඇගයීම, ව්‍යාපෘති විගණනය.

**PDRD 1241** *ග්‍රාම සංවර්ධනය සඳහා තොරතුරු තාක්ෂණය*

**PDRD 1241 Information Technology for Rural Development**

පරිගණකයේ පරිණාමය, පරිගණක මෘදුකාංග සහ දෘඩාංග, පර්යන්ත උපාංග සහ ඒවායේ පරිණාමය, මෙහෙයුම් පද්ධති සහ ඒවායේ යෙදුම්, අන්තර්ජාලය සහ තොරතුරු තාක්ෂණය, දත්ත ආරක්ෂාව සහ පෞද්ගලිකත්වය, සමාජ ජාල සහ අලෙවිකරණය, word processing, spread sheet applications, slide presentation applications, දත්ත ගබඩා පවත්වා ගෙන යාම, usage of cloud services to store and access data, භූගෝලීය තොරතුරු පද්ධතිය (geographical information system) හැඳින්වීම, සිතියම් සහ ප්‍රක්ෂේපණ සම්මතයන්, ශ්‍රී ලංකාවේ තොරතුරු තාක්ෂණයට අදාල නීති සහ රෙගුලාසි, ග්‍රාම සංවර්ධනයට නවීන පරිගණක යෙදුම්වල භාවිතය, තාක්ෂණික නවෝත්පාදන හඳුන්වාදීම සහ කලමනාකරණය.

**PDRD 1252** *ග්‍රාමීය සෞඛ්‍ය ප්‍රවර්ධනය*

**PDRD 1252 Rural Health Development**

ශ්‍රී ලංකාවේ සෞඛ්‍ය සහ වෛද්‍ය අංශයේ වර්තමාන තත්වය හැඳින්වීම, ග්‍රාමීය සෞඛ්‍ය, සෞඛ්‍ය පිළිබඳ සමාජීය නිර්ණායන් සංකල්ප, ග්‍රාමීය සෞඛ්‍ය අංශයේ අභියෝග හඳුනා ගැනීම, ග්‍රාමීය සෞඛ්‍ය සහ ජාතික ප්‍රතිපත්ති, විශේෂ අවශ්‍යතා ඇති පුද්ගලයන් සඳහා ජාතික ප්‍රතිපත්ති, මාතෘ සහ ළමා වැඩසටහන්, ශ්‍රී ලංකාවේ බහුල මානසික රෝග තත්වයන්, මානසික සෞඛ්‍ය ප්‍රවර්ධනය, ශ්‍රී ලංකාවේ බහුල වශයෙන් දක්නට ලැබෙන බෝ නොවන රෝග, අනතුරු සහ සියඳිවි නසා ගැනීම් වැළැක්වීම, මත්ද්‍රව්‍ය හා අනෙකුත් සෞඛ්‍යයට අහිතකර දේවල් භාවිතයේ ගැටළු, ළමා අපචාර, ස්ත්‍රී පුරුෂ ප්‍රචන්ඩත්වය, සෞඛ්‍ය ප්‍රවර්ධනය, ප්‍රජා සවිබල ගැන්වීම.

**PDRD 1262** *ග්‍රාමීය ව්‍යවසායකත්වය*

**PDRD 1262 Rural Entrepreneurship**

ව්‍යවසායකත්වය සඳහා වාණිජමය සහ නීතිමය පහසුකම්, ඇතුල්වීමේ නියාමන, සාර්ථකත්වය සඳහා ව්‍යපාර සැලසුම් කිරීම, සමාගම් සහ ව්‍යවසායකත්වය ආයතන පිහිටුවීම, ආකල්ප, ක්‍රියාකාරකම්, අභිලාශයන්, නිෂ්පාදන සහ සේවා අලෙවිකරණය සමඟ ඒකාබද්ධකිරීම, මූල්‍ය සහ මූල්‍ය උපාය මාර්ග, ආරම්භක කලමනා කරණය, මූල්‍ය වාර්තා කිරීම, අවදානම් තක්සේරුව, සාර්ථක ව්‍යාපාර මෙහෙයුම්, තිරසාර බව, නායකත්වය, හැසිරීම සහ ආචාරධර්ම.

**PDRD 1271**      **ග්‍රාමීය බලගන්වීම****PDRD 1271 Rural Empowerment**

බලගන්වීම අර්ථ දැක්වීම, ග්‍රාමීය බලගන්වීම පිළිබඳ හැඳින්වීම, විවිධ ග්‍රාමීය බලගන්වීම ක්‍රම, ශ්‍රී ලංකාවේ ග්‍රාමීය බලගන්වීම් ක්‍රියාවලිය, ග්‍රාමීය බලගන්වීම් උපාය මාර්ග, ග්‍රාමීය බලගන්වීමේ අභියෝග, කාන්තා හා ළමා සංවර්ධනය, ලිංගිකත්වය සහ සමාජය.

**PDRD 1282**      **ව්‍යාපෘතිය****PDRD 1282 Project Work**

ග්‍රාම සංවර්ධනය හා සම්බන්ධ ගැටළු හඳුනා ගැනීම, ව්‍යාපෘති ගැටළු හඳුනා ගැනීම, සංකල්පීය රාමුවක් ගොඩ නැගීම, උපකල්පන ගොඩ නැගීම, දත්ත සමීක්ෂණය, පර්යේෂණ ක්‍රමවේදය, දත්ත එකතු කිරීම සහ විශ්ලේෂණය, දත්ත අර්ථ නිරූපණය, වාර්තා සකස් කිරීම, පර්යේෂණ ප්‍රතිඵල ව්‍යාප්තිය.

## **පාලන ව්‍යවස්ථාව : අත්‍යවශ්‍ය කොටස්**

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

#### ***ලියාපදිංචිය***

##### ***Registration***

අධ්‍යයන මණ්ඩලයේ" පීඨ මණ්ඩලයේ සහ සනාතන සභාවේ අනුමැතිය ලැබූ පසුව සහ අදාළ ගාස්තු ගෙවූ අපේක්ෂකයෙක් විශ්වවිද්‍යාලයේ පශ්චාත් උපාධි ඩිප්ලෝමා ශිෂ්‍යයකු ලෙස සැලකේ"

#### ***ලියාපදිංචියෙහි වලංගුතාවය***

##### ***Registration Validity***

ලියාපදිංචිය ඇරඹීම වන්නේ අධ්‍යයන වර්ෂය ආරම්භ වීම සමඟිනි. ඕනෑම ලියාපදිංචි වීමක් වලංගු වන්නේ අවුරුදු 01 ක කාල සීමාවකට ය"

#### ***ලියාපදිංචිය අලුත් කිරීම***

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

පශ්චාත් උපාධි ඩිප්ලෝමා වැඩ සටහනට ලියාපදිංචි සිසුන්ගේ ලියාපදිංචි වලංගු කාලය අවසන් වූ පසු නැවත ලියාපදිංචි විය යුතු අතර ඔහුගේ හෝ ඇයගේ ලියාපදිංචිය නැවත අලුත් වනුයේ අධ්‍යයන මණ්ඩලය, පීඨ මණ්ඩලය හා සනාතන සභාවේ අනුමැතිය ලැබූ පසුවය.

#### ***ලියාපදිංචිය අවලංගු කිරීම***

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

මෙම පාඨමාලාවට ලියාපදිංචි වූ අයකුගේ ලියාපදිංචිය ඕනෑම අවස්ථාවක කලින් දැනුම් දීමකින් තොරව අවලංගු කිරීමට විශ්වවිද්‍යාලයට පුලුවන.

**පාඨමාලාව අත් හිටුවීම**

**Suspension of the Programme**

පාඨමාලාවට කිසියම් වර්ෂයකදී ලියාපදිංචි වූ සංඛ්‍යාව ප්‍රමාණවත් නොවන සහ පාඨමාලා පවත්වාගෙන යාම මූල්‍යයම වශයෙන් ප්‍රායෝගික නොවන ඕනෑම විටකදී අධ්‍යයන මණ්ඩලයේ, පීඨ මණ්ඩලයේ, සනාතන සභාවේ අනුමැතිය අනුව අධ්‍යයන මණ්ඩලයට, පීඨ මණ්ඩලයට, සනාතන සභාවට මෙම පාඨමාලාව අත් හිටුවීමට බලය ඇත. අදාල ගාස්තු විශ්වවිද්‍යාලය විසින් නැවත ගෙවනු ඇත.

**දේශන වලට සහභාගී නොවීම**

**Absence from Classes**

- I. කිසිම අපේක්ෂකයකුට අධ්‍යයන මණ්ඩලයේ අනුමැතියකින් තොරව දේශනවලට නොපැමිණ හෝ දිවයිනෙන් පිටව යාමට හෝ විභාග වලට පෙනී නොසිටීමට නොහැක.
- II. දේශන වලට සහභාගී නොවිය සිටිය හැක්කේ සාධාරණ හේතු මත පමණක් වන අතර (උග්‍ර රෝගී තත්ත්වයන්" පවුලේ සාමාජිකයකුගේ මරණයක් ආදිය) සඳහා අනුමැතිය අධ්‍යයන මණ්ඩලයෙන් සහ සනාතන සභාවෙන් ගත යුතුය.
- III. යම් අපේක්ෂකයකු හට දේශන වලට සහ විභාග වලට පෙනී සිටීමට නොහැකි වුවහොත් ඔහු හෝ ඇය විසින් දින 14 ක් තුළදී වෛද්‍ය සහතිකයක් අධ්‍යයන සම්බන්ධීකාරක හට ලැබීමට සැලැස්විය යුතුය.

සිසුන් වෛද්‍ය වාර්තා ලබා ගත යුත්තේ පහත සඳහන් වෛද්‍ය මධ්‍යස්ථාන /වෛද්‍ය නිලධාරීන්ගෙන් පමණි.

අ) විශ්වවිද්‍යාලයේ සෞඛ්‍ය නිලධාරී (UMO)

ආ) දිස්ත්‍රික් වෛද්‍ය නිලධාරී

ඇ) අදාල කෞතුකයේ විශේෂඥ වෛද්‍ය නිලධාරී

ඈ) රජයේ මූලික රෝහලක රෝහල් අධ්‍යක්ෂ

ඉ) දිස්ත්‍රික් ආයුර්වේද රෝහලක වෛද්‍ය අධිකාරී

ඊ) ආයුර්වේද වෛද්‍ය කවුන්සිලයේ ලියාපදිංචි ආයුර්වේද වෛද්‍ය නිලධාරී

IV. විශ්වවිද්‍යාල සෞඛ්‍ය නිලධාරී විසින් ලබා දෙන වෛද්‍ය සහකාර අධ්‍යක්ෂක මණ්ඩලය මගින් අනුමත කෙරේ.

V. විශේෂිත අවස්ථාවලදී පෞද්ගලික රෝහල් හෝ ලියාපදිංචි පුද්ගලික වෛද්‍යවරුන් විසින් නිකුත් කරන ලද වෛද්‍ය සහතික" විශ්වවිද්‍යාලයේ සෞඛ්‍ය නිලධාරීගේ නිර්දේශය ඇතිව අනුමත කෙරේ.

VI. විභාග වලට මුහුණ දෙන අවස්ථාවේදී යම් අපේක්ෂකයෙක් රෝගාතුර වුවහොත් දින 14 අතරතුර වනාම අධ්‍යයන මණ්ඩලයට වාර්තා කළ යුතුය.

VII. යම් අපේක්ෂකයෙකුගේ පවුලේ ආසන්නතම සාමාජිකයකුගේ මරණයකදී ඔහු හෝ ඇය විභාග කටයුතු වලට මුහුණ නොදුන් විට අධ්‍යයන මණ්ඩලයේ" සනාතන මණ්ඩලයේ" නිර්දේශය අනුව ඔහු හෝ ඇයට සහනයක් හිමි වේ.

**පාඨමාලා අන්තර්ගතය**

**Course Modules**

මෙම අත්පොතෙහි ග්‍රාමීය සංවර්ධනය පිළිබඳ පශ්චාත් උපාධි ඩිප්ලෝමා පාඨමාලාව සඳහා නිර්දේශිත විෂයන් (Credit 27) දක්වා ඇත. නිර්දේශිත සියලු විෂයයන් අපේක්ෂකයන් විසින් සම්පූර්ණ කළ යුතුය.

**ඉගෙනීමේ මාධ්‍යය**

**Medium of Instruction**

සියලුම අධ්‍යයන කටයුතු දේශන සහ විභාග සිංහල / ඉංග්‍රීසි මාධ්‍යයෙන් පැවැත් වේ.

**විභාග නීති රීති**

**Examination Regulations**

ශ්‍රී ලංකා රජරට විශ්වවිද්‍යාලයේ විභාග හා අදාල සියලු නීති රීති මෙම පාඨමාලාවේ විභාග වලටද බල පැවැත්වේ. විභාග සම්බන්ධයෙන් සියලු හා අවසන් තීරණ ගනු ලබන්නේ විශ්වවිද්‍යාල සනාතන සභාව මගිනි.

**ඇගයීම් නිර්ණායක**

**Evaluation Criteria**

- I. සියලු විෂයන් අවසානයේ ඇගයීම් කටයුතු සිදු කෙරෙනු ඇත.
- II. සමාසික අවසාන පරීක්ෂණ සහ අඛණ්ඩ ඇගයීම් සියලුම විෂයන් වල අන්තර් ගත වන අතර ඒ ඒ කොටස්වලට පහත පරිදි ලකුණු වෙන්වේ.

අඛණ්ඩ ඇගයීම් - 40 - 30 %



සමාසික අවසාන ඇගයීම් - 60 -70 %

III. සමාසික අවසාන පරීක්ෂණයේදී සියලුම විෂයන් සඳහා විභාග පත්‍රයක් ලබාදෙන අතර මෙහි කාල සීමාව උපරිමය පැය 03 කි.

IV. විෂයන් සමර්ථ වීම පිණිස අපේක්ෂකයින් විසින් අවම ලකුණු 40 ක් ලබා ගත යුතුය.

V. අඛණ්ඩ ඇගයීම් සඳහා වෛද්‍ය සහතික භාර ගනු නොලැබේ. අඛණ්ඩ ඇගයීම් වලට මුහුණ නොදුන් අවස්ථාවලදී කිසිදු ආකාරයකින් එම ලකුණු නොලැබෙනු ඇත.

**සමාසික අවසාන විභාග වලට මුහුණදීමට සුදුසුකම්**

**Eligibility End Semester Examination**

I. පහත සඳහන් නිර්ණායක සම්පූර්ණ කර නොමැති අපේක්ෂකයන් හට විභාගවලට මුහුණ දීමට අවස්ථාව නොලැබෙනු ඇත.

(අ) ඔහු/ඇය අදාල වර්ෂයේ පශ්චාත් උපාධි ඩිප්ලෝමා වැඩ සටහන ලියාපදිංචි වී තිබීම.

(ආ) ඔහු/ඇය දේශන වලට අවම වශයෙන් 80% ක් සහභාගීවී තිබීම.

(ඇ) ඔහු/ඇය විසින් විභාග වලට අයත් අයදුම්පත් නිසි පරිදි භාරදී තිබීම.

(ඈ) සියලුම විභාග වංචා සහ දුඬුවම් සම්බන්ධයෙන් ශ්‍රී ලංකා රජයේ විශ්වවිද්‍යාලයේ විභාග හා ආශ්‍රිත ක්‍රමවේදයන් භාවිතා කෙරෙනු ඇත.

II. ඔහු / ඇය විසින් සම්පූර්ණ කරන ලද විෂයන් සහ සහභාගී වූ පැය ගණන පාඨමාලා අධ්‍යක්ෂක විසින් සහතික කල යුතුය.

III. යම් අපේක්ෂකයෙකු හට 80%ක් දේශන වලට සහභාගී වීමට නොහැකි වුවහොත් ඔහු/ඇය අදාල විෂයයන් හට නැවත මුහුණ දිය යුතුය.

IV. අපේක්ෂකයෙකු විසින් යම් විෂයක් අසමත් වූ විටක නැවත ඉල්ලීමක් මගින් විභාගයට මුහුණ දිය හැකිය. එවන් අවස්ථාවක ලබා ගත හැකි උපරිම සාමාර්ථය C වේ.

**ඩිප්ලෝමා ප්‍රදානය**

**Award of Diploma**

- I. ග්‍රාමීය සංවර්ධනය පිළිබඳ පශ්චාත් උපාධි ඩිප්ලෝමා ප්‍රදානය කිරීම පිණිස පහත අවශ්‍යතා සම්පූර්ණ කළ යුතුය.
  - (අ) සාර්ථක ලෙස (Credit 27 ) සම්පූර්ණ කිරීම.
  - (ආ) GPA අගය අවම 2.00 හෝ ඊට වැඩි අගයක් තිබීම.
  - (ඇ) ව්‍යාපෘති වාර්ථාව ඉදිරිපත් කර තිබීම.
  - (ඈ) අදාළ විෂයන් සහ Credits අවුරුදු 04 ක් තුළදී සම්පූර්ණ කිරීම.
  - (ඉ) තිබිය හැකි උපරිම D සාමාර්ථ සංඛ්‍යාව 02 කි.
  - (ඊ) එකඳු විෂයක් හෝ අසමත් නොවී තිබීම.
  
- II. අපේක්ෂකයින් විසින් මුල් ලියාපදිංචි වූ දින සිට පාඨමාලාව නිම කර ව්‍යාපෘති වාර්තාව භාරදෙන තුරු සියලුම ලියාපදිංචි ගාස්තු ගෙවා තිබිය.

**නැවත විභාගයට මුහුණ දෙන සිසුන්**

**Repeat Candidates**

- I. විභාග අසමත් වූ සිසුන්හට එම විෂයන්ට පෙනී සිටීම සඳහා නැවත විභාගයක් ලබා දේ. මෙම අවස්ථාව පළමුව විභාගය පැවැත් වූ දින සිට මසක් ඇතුළත සංවිධානය කරනු ලබන අතර මෙය උපරිම අවස්ථා 02 කට සීමා වේ.
- II. නැවත පවත්වන විභාගයද අසමත් වන සිසුන් නැවත මීලඟ වසරේ විභාගයට මුහුණ දිය යුතුය.
- III. අසමත් සහ නැවත පවත්වන විභාග සඳහා අමතර විභාග ගාස්තු ගෙවීමට සිදුවේ.
- IV. මෙවැනි අවස්ථාවකදී ලබා ගත හැකි උපරිම සාමාර්ථය C වේ.

**ප්‍රමාද වූ විභාග අයදුම්පත්**

**Late Examination Application**

විභාග අයදුම්පත් භාරදීමේ අවසන් දිනට පසු දින 07 ක් තුළදී අයදුම්පත් භාර දුනහොත් අදාළ විභාග ගාස්තුවෙන් 25% ක් ද දින 14 ක් ඇතුළත භාර දුන හොත් අමතර 50% ක් ගාස්තුවක්ද අය කෙරෙන අතර දින 14 ක් ප්‍රමාද වූ විට කිසිම හේතුවක් මත විභාග අයදුම්පත් භාර නොගැනේ.

**ප්‍රතිඵල නිකුත් කිරීම**

**Notification of Results**

- I. විභාග ප්‍රතිඵල LMS, වෙබ් අඩවිය සහ දැන්වීම් පුවරුව ආදියේ ප්‍රදර්ශනය කරනු ඇත.
- II. සමාසික අවසානයේදී සියලුම අපේක්ෂිතයින්ගේ ප්‍රතිඵල අපේක්ෂිතයින් හට දැනම් දෙනු ලැබේ. තවද ප්‍රතිඵල නිකුත් වූ පසු සියලු අපේක්ෂිතයින්ට ප්‍රතිඵල ලේඛනයක් විශ්වවිද්‍යාල විභාග අංශයෙන් ලබා ගත හැකිය.

**ලකුණු දීමේ පටිපාටිය**

**Grading System**

පහත ක්‍රියා පටිපාටිය ශ්‍රේණිගත කිරීමට හා GPA අගය ගණනය කිරීමට භාවිතා කෙරේ.

ලකුණු (%)	ශ්‍රේණිය	GPV
85 or above	A+	4.00
80-84	A	4.00
75-79	A-	3.70
70-74	B+	3.30
65-69	B	3.00
60-64	B-	2.70
55-59	C+	2.30
50-54	C	2.00
45-49	C-	1.70
40-44	D	1.30
40>	E	0.00

සමස්ත දළ GPA අගය පහත පරිදි ගණනය කෙරේ. GPA යනු බර තැබූ **GPV** අගයන් හි මධ්‍යයනයයි. එය පහත පරිදි ගණනය කෙරේ.

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

මෙහි  $C_i$  යනු  $i$  නැමැති විෂයයේ credit ගණන වන අතර  $G_i$  යනු එම විෂයට ලබා ඇති **GPV** අගයයි.

**ඩිප්ලෝමාව සම්පූර්ණ කල දිනය*****Effective Date of Diploma***

ඩිප්ලෝමා අපේක්ෂකයින් මුහුණ දෙන අවසන් විභාගයට පෙනීසිටි දිනය ඩිප්ලෝමාව සම්පූර්ණ කල දිනය ලෙස සැලකේ.

**ප්‍රතිඵල පත්‍රිකා/ ප්‍රතිඵල පිටපත් ලබා ගැනීම*****Results Sheet / Transcript***

- I. ප්‍රතිඵල පිටපත් ලබා ගැනීම සඳහා ගෙවිය යුතු ගාස්තුව අධ්‍යයන මණ්ඩලය විසින් තීරණය කෙරේ.
- II. ප්‍රතිඵලවල පිටපතක් ලබා දිය හැක්කේ වෙනත් අධ්‍යයන ආයතනයකට පමණි.



**Master of Agriculture Degree  
Programme**

## **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 Learning Outcomes**

1. Demonstrate a comprehensive and substantial level of knowledge and understanding in core aspects in the field of agriculture and related disciplines.
2. Use effectively and efficiently practical skills to critically analyse problems, construct and propose innovative solutions for sustainable development in agriculture.
3. Employ effective and efficient communication to enable proactive decision making for solving agricultural issues and raise awareness among the stakeholders.
4. Exercise leadership in diverse teams and in multidisciplinary working environments to achieve synergistic outcomes.
5. Deal with complex issues in a systematic manner and innovate arguments, ideas, and techniques to solve problems in agriculture.
6. Plan and implement the tasks with accountability and ability to instill in agricultural enterprises.
7. Thorough in ICT related skills and capabilities of organizing data to enhance efficiency in the agriculture sector.
8. Perform independently and collaboratively to build-up team spirit and leadership quality to promote social and professional engagement.
9. Perform independently and collaboratively to build-up team spirit and leadership quality to promote social and professional engagement.

10. Take initiative, be self-responsible and accountable for the performed actions demonstrating positive attitudes and social responsibility.
11. Identify and develop long-term goals to meet challenges in society and contemporary agriculture.
12. Inculcate the passion for lifelong learning to acquire continuous professional development and additional knowledge by demonstrating skills in independent learning.

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

- i. A Bachelor's of honours/special Degree in Agriculture or any related degree from a recognized University, accepted by the University Senate which is equivalent to SLQF level 6 with a minimum of 30 credits in the relevant field.

**or**
- ii. A Bachelor's of honours/special Degree in Science or any related degree with honours from a recognized University, accepted by the University Senate which is equivalent to SLQF level 6 with a minimum of 30 credits in the relevant field.

**or**
- iii. A Bachelor's of honours/special Degree in Bio-systems Technology or any related degree with honours from a recognized University, accepted by the University Senate which is equivalent to SLQF level 6 with a minimum of 30 credits in the relevant field.

**or**
- iv. Bachelor's of honours/special Degree in Environmental Sciences or Geography from a recognized university equivalent to SLQF level 6 and after completing a qualifying examination and/or interview.

**or**
- v. 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 in Master of Agriculture, Faculty of Agriculture, Rajarata University of Sri Lanka

## **Credit Transfer Policy**

Candidates who have successfully completed postgraduate level short courses or diploma may request to transfer such credits to the Master of Agriculture degree in place of relevant courses in the degree programme under following conditions. The credits,

- i. should have been offered by institutes / universities acceptable to the Senate of the Rajarata University of Sri Lanka upon the recommendation of the Board of Study in Agriculture.
- ii. should have not been considered to the award of a degree qualification.
- iii. can be considered up to a maximum of four (04) credits.
- iv. should have been completed within five (05) years from the date of registration to the Master of Agriculture degree programme.

## **Application Procedure**

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

- Online via University/Faculty Website (Recommended)
- Download the 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 <https://pg.foa.rjt.ac.lk/>. Those who wish to obtain the application form and instructions by post, should send a 9”×6” size self-addressed stamped envelope worth of Rs. 200/= 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, from where you obtained the degrees)
- Certified copies of detailed results sheets
- Two letters of recommendations in the prescribed format
- Two passport size photographs

### ***Fee Structure***

	<b>Rs.</b>
<i>Application fee</i>	2000.00
<i>Registration fee per year</i>	4000.00
<i>Tuition fee*</i>	150,000.00
<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>	950.00
<i>Repeat/Medical examination fee per credit</i>	1500.00
<i>Make-up examination fee per credit</i>	3000.00
<i>Comprehensive examination fee per attempt</i>	12,500.00
<i>Re-scrutinization of results</i>	1000.00
<i>Rescheduling of comprehensive examination</i>	1000.00
<i>Detailed results sheet</i>	500.00
<i>Degree transcript – local</i>	1000.00
<i>Degree transcript – international</i>	2000.00
<i>Letter certifying semester results/ studentship/ status</i>	200.00
<i>New and replacement of university identity card</i>	500.00

\*

- i. Maximum two instalments could be allowed upon the approval of the Board of Study.
- ii. First and second instalments of the tuition fee need to be paid before the commencement of the academic semester.
- iii. A surcharge will be levied in addition to the above (ii) for the late payments as follows, after first month 5%; second month 10%, and third month 25%.

***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. **008-1-001-6-0114574** held at the Peoples’ Bank, Anuradhapura indicating the applicant’s name and the address.

**Teaching Panel – Internal*****Department of Agricultural Engineering and Soil Science***

<i>M.H.J.P. Gunarathna</i>	BSc (Agric.) (Ruhuna, Sri Lanka), MSc (IRRI/CLSU, Philippines), PhD (Kagoshima, Japan)	Professor	Water Management
<i>N.S. Abeysingha</i>	BSc (Agric.) (Ruhuna, Sri Lanka), MSc (Jayawadanapura, Sri Lanka), PhD (IARI, New Delhi, India)	Professor	Watershed Management
<i>M.G.T.S. Amarasekera</i>	BSc (Agric.), MPhil, PhD (Peradeniya, Sri Lanka)	Professor	Soil Fertility Management
<i>M.K.N. Kumari</i>	BSc (Agric.) (Ruhuna, Sri Lanka), MPhil (Peradeniya, Sri Lanka), PhD (Kagoshima, Japan)	Professor	Water Management
<i>G.V.T.V. Weerasooriya</i>	BSc (Agric.) (Ruhuna, Sri Lanka), MPhil (Peradeniya, Sri Lanka), PhD (Peradeniya, Sri Lanka)	Professor	Farm Power and Machinery
<i>D.M.S. Duminda</i>	BSc (Agric.), (Ruhuna, Sri Lanka), MSc (Kelaniya, Sri Lanka), PhD (Peradeniya, Sri Lanka)	Senior Lecturer	Soil Fertility Management
<i>A.J. Fernando</i>	BSc (Agric.) (Rajarata, Sri Lanka), MPhil (Peradeniya, Sri Lanka), PhD (Peradeniya, Sri Lanka)	Senior Lecturer	Agricultural Engineering

<i>P.D. Kahandage</i>	BSc (Agric.) (Ruhuna, Sri Lanka), MSc (Peradeniya, Sri Lanka), MPhil (Ruhuna, Sri Lanka), PhD (Tsukuba, Japan)	Senior Lecturer	Farm Power and Machinery
<i>EJK Kosgollegedara</i>	BSc (Agric.) (RUSL, Sri Lanka), MPhil (Biosystem Technology) MPhil (Farm Machinery Technology)	Senior Lecturer	Farm Power & Mechanizations
<i>K.G.S. Nirmanee</i>	BSc (Agric.) (Rajarata, Sri Lanka), MSc (Peradeniya, Sri Lanka), MPhil - Reading. (Peradeniya, Sri Lanka)	Lecturer (Prob.)	Remote Sensing and GIS

*Department of Agricultural Systems*

<i>G.A.S. Ginigaddara</i>	BSc (Agric.), MPhil (Peradeniya, Sri Lanka), PhD (AIT, Thailand)	Professor	Agricultural Systems
<i>S.N. Dissanayake</i>	BSc (Agric.), MPhil (Peradeniya, Sri Lanka), PhD (Queensland, Australia)	Senior Lecturer	Agricultural Economics
<i>A.P.S. Fernando</i>	BSc (Agric.) (Rajarata, Sri Lanka), MPhil (Peradeniya, Sri Lanka), PhD (Massey, New Zealand)	Senior Lecturer	Agricultural Economics
<i>A.M.K.R. Bandara</i>	BSc (Agric.), MSc, PhD (Peradeniya, SL)	Senior Lecturer	Bio Statistics
<i>S.M.C.B. Karalliyadda</i>	BSc (Agri. Tech. & Mgt.) (Peradeniya, Sri Lanka), MSc (OM) (Peradeniya, Sri Lanka), M (RDAE) (Saga, Japan) PhD (Kagoshima, Japan), PQHRM (Sri Lanka)	Senior Lecturer	Agricultural Extension
<i>N.M.K.C. Premarathne</i>	BSc (Agri. Tech. & Mgt.) (Peradeniya, Sri Lanka), MPhil (Peradeniya, Sri Lanka), LLB (Reading) (OUSL, Sri Lanka)	Senior Lecturer	Natural Resource Economics Macroeconomics Econometrics

*Department of Animal and Food Sciences*

<i>A.M.J.B. Adikari</i>	BSc (Agric.) (Peradeniya, Sri Lanka), MSc (NDRI, India), PhD (Virginia Tech, USA)	Professor	Molecular and Comparative Genetics
<i>W.A.D. Nayananjalie</i>	BSc (Agric.), MSc (Peradeniya, Sri Lanka), PhD (Virginia Tech, USA)	Professor	Animal Nutrition
<i>R.H.G.R. Wathsala</i>	BSc (Agric.) (RUSL, Sri Lanka), MSc (Peradeniya, Sri Lanka), MSc (UNINA, Italy), PhD (UNIBO, Italy)	Senior Lecturer	Aquaculture and Fisheries
<i>C.A.K. Dissanayake</i>	BSc (Agric), MPhil (Peradeniya, Sri Lanka), PhD (Peradeniya, Sri Lanka – Reading)	Senior Lecturer	Food Science and Postharvest Technology
<i>M.A.A.P. Kumari</i>	BSc (Agri. Tech. & Mgt.) (Peradeniya, Sri Lanka), MSc (Ghent, Belgium)	Senior Lecturer	Meat Science, Poultry and Swine Management, Aquatic Microbiology
<i>W.V.V.R. Weerasingha</i>	BSc (Agri. Tech. & Mgt.), MSc (Food Scsci. & Tec.) (Peradeniya, Sri Lanka), MPhil (Reading) (Peradeniya, Sri Lanka)	Senior Lecturer	Dairy Science
<i>H.R.M.G.C. Thilakarathna</i>	BSc, PhD (Sri Jayawardanapura, Sri Lanka)	Lecturer (Prob.)	Food Science & Postharvest Tech.

*Department of Plant Sciences*

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

<i>K.R.E. Padmathilake</i>	BSc (Agric.), MSc (Peradeniya, Sri Lanka), MSc (Waterloo, Canada), PhD (Manitoba, Canada)	Senior Lecturer	Plant Physiology
<i>G.D.A. Nalaka</i>	BSc (Agric. Tech. & Mgt.), MSc (Peradeniya, Sri Lanka), DAgri (Kyoto, Japan)	Senior Lecturer	Forestry and Plantation Management
<i>T.D.C. Priyadarshani</i>	BSc (Agric. Tech. & Mgt.), MPhil (Peradeniya, Sri Lanka)	Senior Lecturer	Plant Protection, Plant Pathology
<i>H.C.D. Wijayawardhana</i>	BSc (Agric.) (Rajarata, Sri Lanka), MPhil (Peradeniya, Sri Lanka)	Lecturer	Floriculture & Landscape Horticulture



## Teaching Panel – External

<i>Sriyani Wickramasinghe</i>	BSc, MSc, PhD	Professor	Rajarata University of Sri Lanka
<i>Manjula Ranagalage</i>	BA, MSc, MA, PhD	Professor	Rajarata University of Sri Lanka
<i>D.W.M.M.M. Kumari</i>	BSc, MSc, PhD	Senior Lecturer	University of Sri Jayawardhanapura
<i>N.W.I.A. Jayawardana</i>	BSc, MSc, MPhil, PhD	Postdoctoral Fellow	L'Institut Agro, France
<i>P.B. Dharmasena</i>	BSc, MSc, PhD	Deputy Director (Rtd.)	Department of Agriculture
<i>Lal Mutuwatta</i>	BSc, MSc, MPhil, PhD	Regional Researcher	International Water Management Institute
<i>S.N.G. Abeysekara</i>	BSc, MSc, MSc	Additional District Secretary (Land)	District Secretariat, Anuradhapura

## **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.

**Courses for 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

## Courses for Semester 2

<i>Course Code</i>	<i>Course Name</i>	<i>Credit Value</i>	<i>Status</i>
<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*

Principles of food science and technology; Introduction to food processing; Unit operations; Food processing and preservation techniques: food deterioration, processing by thermal and non-thermal methods, use and

application of enzymes and microorganisms in processing and preservation of foods, food additives, principles of food packaging; Hurdle technology; Quality assurance in food processing.

### ***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***

Dairy industry in Sri Lanka; Clean and hygienic milk production; 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, milk powder and whey utilization; Current trends in dairy technology

### ***MS 5201 Advanced Animal Production***

Status of the animal industry in Sri Lanka; Management practices of farm animals from birth/hatching to marketing including housing, feeding, breeding and herd/flock health management; Metabolic regulation of farm animals;

nutrient partitioning, intake regulation; Genetically modified animals and their products; 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 credits 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 vegetables; Quality requirements of raw materials for processing; Postharvest handling and storage of raw materials; Processing techniques: primary processing, minimal processing; secondary processing; Good manufacturing practices of fruits and vegetables processing; Designing of processing lines for fruits and vegetables.

***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 and Examinations***

- 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 medical certificate should reach the faculty 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. To be eligible to sit for the comprehensive examination, a candidate shall have secured a minimum GPA of 2.50 for the courses followed amounting to 30 credits.
- ii. If candidate fails to sit for the comprehensive examination on the date set by the Board of Study without providing any valid reason, it shall be considered as the first attempt. In such cases, a rescheduling fee and the comprehensive examination fee should be paid.
- iii. To be eligible to sit for the comprehensive examination, a candidate should pay remaining dues including the semester registration fees, semester examination fees, tuition fees, and other fees as prescribed.
- iv. If candidate fails to sit for the comprehensive examination within the semester following the release of final GPA, all dues of the semester registrations, as prescribed in the student handbook applicable, up to the date of application for comprehensive examination should be paid.
- v. A candidate shall have a maximum of three attempts to obtain a satisfactory grade at the comprehensive examination.
- vi. If a candidate has not obtained a satisfactory grade (S) 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 or a postgraduate certificate.

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

- i. To be eligible to award the Master of Agriculture, the student
  - a. fulfilled all the admission requirements for the degree programme as set out in Section No. 03 of the by-laws of Master of Agriculture.
  - b. registered in the degree programme for the period prescribed in the governing by-laws.
  - c. pursued the programme of study at the University to the satisfaction of the University Senate as prescribed in the by-laws of the degree program and other rules and regulations of the University.
  - d. satisfied the examiners on prescribed assessment criteria approved by the Faculty Board on the recommendation of the Board of Study with of a satisfactory standard.
  - e. completed the course work and all other prescribed requirements within a period of three (03) academic years for full time and five (05) academic years for part time candidate after being registered to the Master of Agriculture degree programme
  - f. must successfully complete the required 30 credits.
  - g. must obtain a minimum Grade Point Average of 2.50.
  - h. should obtain a satisfactory grade (S) in comprehensive examination.
  
- 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 "B" grade.
- v. The grace attempt will be allowed subjected to the approval of the Board of Study and the Senate.
- vi. 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 15% 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 30% 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 after the recommendation of the Board of Study and the Faculty Board and approved by the University Senate. Such a candidate should complete the degree within stipulated time as prescribed in the governing by-laws. The application fee and the course fee paid are transferable only if the candidate has not attended a single lecture. Such a 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, she/he 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.

### ***Re-scrutinization of Examination Results***

If a candidate wishes, she/he shall request to verify examination marks and grades, particularly for end semester examinations. Re-scrutinization of marks and grades shall be limited only during the 2 weeks immediately following the release of results of an examination. As the cost of re-scrutinization process must be borne by the candidate, a non-refundable fee, calculated on the basis of actual cost of re-scrutiny process shall be levied on the candidate.

### ***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
<40	E	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 she/he shall be given a maximum of B grade even if the student may obtain more than 69 marks. If a student has obtained a grade below B grade for a course, she/he has the option either to repeat the course or to keep the grade as it is, in case if he/she can maintain the overall minimum GPA requirement of 2.5. 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.

### ***Early Exit Option***

If a MAgri candidate who requires an early exit having completion 25 credits of coursework with minimum 2.5 FGPA in the Master of Agriculture without comprehensive examination, can obtain Postgraduate Diploma (SLQF 8). The

effective date of the Postgraduate Diploma shall be the date of completion of all the required credits of the coursework.

If a MAgri candidate who requires an early exit having completion of only 20 credits of coursework with minimum of 2.0 FGPA in the Master of Agriculture, can obtain a Postgraduate Certificate (SLQF 7). The effective date of the Postgraduate Certificate shall be the date of the request made by the candidate with completion of the required credits of the coursework.

### ***Fallback Option***

A MAgri candidate who failed three attempts of the comprehensive examination can subsequently request a Postgraduate Diploma (SLQF 8). The effective date of the Postgraduate Diploma shall be the date of the third comprehensive examination.

A MAgri candidate who failed to complete course work with minimum of 2.5 FGPA but completed 20 credits of coursework with a minimum 2.0 FGPA in the Master of Agriculture is eligible to request a Postgraduate Certificate (SLQF 7). The effective date of the Postgraduate Certificate shall be the date of the request made by the candidate after completion of the required credits of the coursework.



# Master of Science in Agroecology



## **Objectives of the Degree Programme**

The objectives of the Master of Science in Agroecology degree programme are to,

1. promote the concept of agroecology among prospective national and international stakeholders.
2. create opportunities for those who aspire to pursue a qualification in higher education in the field of agroecology, focusing on career development in both national and international contexts.
3. develop entrepreneurs to start viable agroecological ventures locally and internationally.
4. produce intellectuals to research and outreach targeting the sustainability of the agroecological systems and ventures.
5. develop appropriate solutions to dynamic environmental issues while enhancing the resilience and responsible governance of agroecological systems.

## **Programme Outcomes**

After completion of the degree programme the student will be able to,

1. demonstrate advanced knowledge and understanding of the core aspects of agroecology and their interactions with related disciplines.
2. evaluate and design appropriate agroecological plans and implement interventions appropriately to optimize the agroecological resources.
3. assess current dynamics in agroecology and communicate appropriately to all stakeholders for efficient decision-making.
4. bring appropriate interventions to achieve sustainable outcomes within diverse professional environments related to agroecology.
5. plan, initiate, and manage agroecological ventures sustainably and ethically while appreciating the dynamism in the agroecological environments.
6. build networks with relevant stakeholders to strengthen the group approach to achieving resilience and sustainability in agroecological systems.
7. exercise personal and social responsibility, accountability, and transparency in all dealings related to agroecological systems.

8. create and analyze SMART goals to achieve long-term sustainable outcomes in agroecological engagements.
9. develop a passion for personal and professional development.

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

1. A Master Degree (SLQL 9) in Agroecology, Agriculture, Science, Bio-systems, Environmental Science/Management from a Higher Education Institute (HEI) recognized by the University Grant Commission of Sri Lanka (UGC),

**or**

2. A Postgraduate Diploma (SLQL 8) in Agroecology, Agriculture, Science, Bio-systems, Environmental Science/Management from a HEI recognized by the UGC,

**or**

3. A Postgraduate Certificate (SLQL 7) in Agroecology, Agriculture, Science, Bio-systems, Environmental Science/Management from HEI recognized by the UGC,

**or**

4. A Bachelor's Degree (SLQL 5 or 6) in Agroecology, Agriculture, Science, Bio-systems, Environmental Science/Management from a HEI recognized by the UGC,

**or**

5. Any other equivalent qualifications to above eligibility requirements, acceptable to the Senate, Rajarata University of Sri Lanka upon qualifying examination/ interview and recommendation of the Board of Study, Faculty Board of Faculty of Agriculture, Rajarata University of Sri Lanka.



## Application Procedure

- Application for registration for the Degree Programme shall be called by advertisement in the newspapers and the University website by the Registrar or his/her nominee of the University.
- Those who wish to apply online or download the application can visit website of the University <https://pg.foa.rjt.ac.lk/> .
- The application shall be on the prescribed form providing the information as he/she may be required to submit, including his/her qualifications for undertaking the course of study.
- The candidate shall forward the following documents along with the application
  - Certified copies of the educational qualifications
  - Academic transcripts
  - Certified copy of the Birth Certificate
  - Copy of the NIC/ Passport
  - 02 passport size photos
  - Two letters of recommendation of which one should be from an academic referee
  - Copies of any other documents to support the admission requirements

## Fee Structure

	<i>Rs.</i>	<i>USD</i>
<i>MSc programme fee</i>	200,000.00	2,500.00
<i>Application fee</i>	2,000.00	25.00
<i>Registration fee per year</i>	4,000.00	50.00
<i>Library deposit (Refundable)</i>	5,000.00	75.00
<i>Library fee (Non-refundable)</i>	1,500.00	20.00
<i>Science fee (Non-refundable)</i>	7,500.00	100.00
<i>Internet/computer fee per semester</i>	3,000.00	40.00
<i>Examination fee per credit</i>	800.00	10.00
<i>Comprehensive examination fee per attempt</i>	7,500.00	100.00
<i>Thesis defense examination fee per attempt</i>	12,500.00	160.00
<i>Degree transcript (Issued within SL)</i>	1,000.00	15.00
<i>Degree transcript (Issued outside SL + without postage)</i>	2,500.00	40.00
<i>Detailed certificate</i>	500.00	10.00
<i>Makeup examination</i>	3,000.00	40.00

## 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 (USD 25.00) written in favour of **Faculty of Agriculture, Rajarata University of Sri Lanka**, Account No. **008-1-001-6-0114574** held at the Peoples’ Bank, Anuradhapura indicating the applicant’s name and the address.

**Teaching Panel - Internal**

<i>Prof. (Mrs) G.A.S.Ginigaddara</i>	Professor
<i>Prof. G.V.T.V. Weerasooriya</i>	Professor
<i>Prof. N.S. Abeysinghe</i>	Professor
<i>Prof. M.G.T.S. Amarasekara</i>	Professor
<i>Prof. (Mrs.) M.K.N. Kumari</i>	Professor
<i>Dr. S.M.C.B.Karalliyadda</i>	Senior Lecturer
<i>Dr. A.M.K.R.Bandara</i>	Senior Lecturer
<i>Dr. D.M.S. Duminda</i>	Senior Lecturer
<i>Dr. W.C.P. Egodawatta</i>	Senior Lecturer
<i>Dr. Nalaka Geekiyanage</i>	Senior Lecturer
<i>Mr. N.M.K.C. Premarathne</i>	Senior Lecturer
<i>Mr. E.J. Kosgollegedara</i>	Senior Lecturer
<i>Mr. R.A.A.S. Rathnayaka</i>	Lecturer
<i>Ms. A.N. Kodituwakku</i>	Lecturer

**Programme Content**

<i>Course Code</i>	<i>Course Name</i>	<i>Credit Value</i>	<i>Status</i>
<b>Year 1 Semester 1</b>			
AS 5101	Agrology	3	Compulsory
AS 5102	Bioclimatology	2	Compulsory
AS 5103	Design and Analysis of Agroecological Experiments	3	Compulsory
AS 5104	Managerial Economics	3	Compulsory
AS 5105	Landscapes Ecology	2	Compulsory
AS 5106	Soil Health and Management	3	Compulsory
AS 5107	Water in Landscape	2	Compulsory
AS 5108	Agroecological Practices	2	Optional
AS 5109	Global Agroecosystems	2	Optional
<b>Year 1 Semester 2</b>			
AS 5201	Ecological Agriculture & Systems Thinking	3	Compulsory
AS 5202	Environmental Aspects of Waste Management	2	Compulsory
AS 5203	Environmental Law	3	Compulsory
AS 5204	Environmental Security and Valuation	3	Compulsory
AS 5205	Human Ecology	3	Compulsory
AS 5206	Landscape and Spatial Planning	3	Compulsory
AS 5207	Precision Agriculture	2	Compulsory

AS 5208	Design and Evaluation of Agroecological Systems	2	Optional
AS 5209	Ecological Entrepreneurship	2	Optional
AS 5210	Research Methods for Agroecology	2	Optional
<b>Year 2</b>			
AS 6101	Internship	2	Compulsory
AS 6201	Thesis – Research Project	15	Compulsory

### Course Capsules

#### *AS 5101 Agrology*

Fundamentals of agrology; Evolution of agriculture, Functions and impacts of agriculture; Abiotic and biotic relationships in agriculture; Modern trends in agroecosystem management; Alternative approaches for conventional farming; Pillars of sustainability; Indicators of sustainability, Modelling sustainability; Emergence of an ecological vision; Agriculture, society, and agrology; Administrative regulatory tools of agricultural activities; Sustainable landscape and spatial planning.

#### *AS 5102 Bioclimatology*

Weather and climate; The network of meteorological stations and their operation; Earth and its atmosphere; Evaluation and use of solar radiation; Surface energy balance; Temperature of soil and air; Pressure and wind; Climate and biotic interactions; The water cycle and its phases; The formation and types of hydrometeors; Climate change: impacts and adaptation strategies; Extreme weather events and their consequences; Flora and fauna responses to climate and variabilities; Basics of synoptic-scale meteorology; Weather forecasting; Processing of meteorological and climatological data.

#### *AS 5103 Design and Analysis of Agroecological Experiments*

Descriptive statistics; Basics of probability; Basics of experiment theory; Basics of mathematical statistics; Tests of hypotheses; Single-factor and

multi-factor ANOVA; Non-parametric methods; Regression analysis; Analysis of qualitative data; use of advanced statistical techniques.

### ***AS 5104 Managerial Economics***

An introduction to the study of managerial economics; Agri-food industry and market structure; The organization of business, objectives, strategy, and efficiency; Production and costs; Analysis of business and supply risk; Demand in the product market as a factor in business decision-making, demand estimation and prediction; Business organizations and their behaviour in different market structures; Vertical and horizontal growth of business organizations; Pricing in industries with market power; A business organizations in the capital and money markets; The role of the state in a market economy; Business organizations, the environment, and government regulation of externalities; Optimizing the use of non-renewable and renewable natural resources; Assessment of organizational performance.

### ***AS 5105 Landscapes Ecology***

The origins of the landscape ecology; Landscape structure: geo-complex, geo-system, evolution, development in the quaternary; Changes in the human-dominated landscapes: Landscape restoration: ecology, habitat restoration, re-naturalization, succession; Landscape disturbance dynamics: connectivity, fragmentation, scattered vegetation, natural and man-made landscapes; Agricultural landscape: spatial and functional structure of agricultural landscape, Farming for ecosystem functions and services; Sustainable landscape management; Principles of environmental protection; Sustainable development and global environmental platforms; Regulatory tools in environmental protection; Institutional framework and environmental legislations; and renewable natural resources; Assessment of organizational performance.

### ***AS 5106 Soil Health and Management***

Soil as a part of agroecological farming systems; Basis of soil formation; Soil sampling and preparation; Soil physical, chemical and biological factors affecting soil health; Soil organic matter; Soil health assessment indicators; Soil classification systems; Soil erosion and compaction; Soil acidity,

alkalinity, salinity and sodicity; Soil reclamation; Soil pricing; Preparation of soil health management plan.

### ***AS 5107 Water in Landscape***

The importance of water for society, basic legislative documents; Aquatic and water-based ecosystems; Anthropogenic impact on the landscape; Catchment areas -a balanced water regime -the effects of agriculture and forestry management; Functions of catchment area management; Catchment area protection and organization; Sediments in streams and reservoirs; Landscape water-management structures – erosion control and flood control measures in the landscape; Land-improvement facilities in the catchment area – drainage and irrigation structures; Drainage of urbanized areas, rainwater management, green roofs; Check dams, modifications and restorations of streams; Water retention in the landscape, extreme events – floods and droughts; Hydro-technical structures – dams, reservoirs, weirs, hydroelectric power plants, navigation canals.

### ***AS 5108 Agroecological Practices***

Basic agro-ecological practices; Agro-ecological practices for nutrient management, weed management, pest and disease control; Agro-ecological practices of agro pastural systems; Agro-ecological production systems; Agro-ecological farming practices for strengthening the resilience of farmers; Designing of ecological agricultural system.

### ***AS 5109 Global Agroecosystems***

Dynamics of global change; Population pressure impact on Agriculture, Diminishing trend of soil, resources and land with agriculture; Negative impacts and benefits of agriculture in the globe; Tropical and humid agro-ecosystems; Geographical, political, social and economic dimensions of global agro-ecosystems; Opportunities and challenges for sustainable production in global agro-ecosystems.

### ***AS 5201 Ecological Agriculture & Systems Thinking***

Fundamentals of agriculture, concepts and principles; Characteristics of an ecological agricultural system; Regulatory mechanisms in agroecological systems; System approaches and system thinking in ecological agriculture;

Ecological aspects of different food production systems, Ecology and sustainability; Design for a sustainable agroecological system.

### ***AS 5202 Environmental Aspects of Waste Management***

Waste management concepts: source of waste generation, characterization of waste, impacts of waste on the environment and human health; Parameters important in designing and monitoring of waste treatment systems; Solid waste treatment options; wastewater characteristics, Wastewater treatment, effluent treatment options; Modern trends in waste management; Legal aspects of waste management.

### ***AS 5203 Environmental Law***

An introduction to environmental law; A basic overview of legislation, and definition of interdisciplinary contexts – status, development, de referenda law; The framework of public administration bodies in environmental protection, and public law; Liability in environmental law ; Environmental Act; Land protection; Forest protection; Air protection; Protection of plants and animals; Environmental impact assessment, and agricultural, forestry and related structures, activities and equipment; Agricultural law in relation to environmental protection: organic farming, chemical substances in agriculture; Related legislation: area-based protection of nature and the landscape, ecological damage, law on the provision of redress for damage, the Building Act, integrated prevention, waste management, the Mining Act, the Energy Act; Economic instruments in environmental law.

### ***AS 5204 Environmental Security and Valuation***

Environmental and agri-environmental security; The concept of environmental security, anthropogenic and natural environmental threats; Ecosystem services: concept, breakdown, context with an emphasis on the agroecosystem, Valuation of Ecosystem Services: valuation techniques; Agriculture as an agent of national and global security, food self-sufficiency and security; Agroecological security aspects; Old ecological burdens, contaminated areas, environmental toxicity, invasive plants, Geological risks and construction activities; Environmental Impact Assessment Techniques; Ecosystem Governance Geological risks and construction activities; Public administration and risk management.



***AS 5205 Human Ecology***

Human dimension in agroecology; Socio-ecological systems; Food traditions in South Asia; Vulnerability and Resilience in Agroecology; Co-creations and sharing of knowledge. Formal and informal education for enhancing horizontal sharing of knowledge; Empowering marginalized groups in food systems; Youth employment opportunities in agricultural and food systems; Family farming in rural development; Fairtrade for sustainable food systems; Leadership in Agroecology; Participatory decision making in agroecology; Contemporary socio-ecological issues in agroecosystems; Dynamics of social elements in agroecological systems.

***AS 5206 Landscape and Spatial Planning***

Interpretation of the concept in terms of spatial planning Key concepts of landscape and spatial planning; Evolution of land use systems in Sri Lanka; International context of landscape planning; The process of spatial planning within the legislative framework of public administration; Spatial planning materials and spatial planning documentation; Landscape planning methods; Spatial planning. Regional Landscape Convention and Zoning; Landscape character assessment – principles and methods; Perception and aesthetics of the landscape and its importance in spatial planning Environmental impact assessments. Nature and landscape conservation.

***AS 5207 Precision Agriculture***

Introduction to precision agriculture; Principles of Global Navigation Satellite Systems- GNSS, Principles of GIS; Sensor Technologies, Principles of remote and proximal sensing; spectral properties of soil and vegetation: applications of drone and satellite imaging in precision agriculture; Landsat and Copernicus (Sentinel-2) programmes; Concepts and applications of soil spatial variability and basic geo-statistics in precision agriculture, Soil mapping; Precision nutrient management, Plant protection in precision agriculture; Crop yield monitoring; Demonstration of sensor equipment; Decision support system for precision farming: Procedures to introduce precision agriculture in a farming system.

***AS 5208 Design and Evaluation of Agroecological Systems***

Steps in internal designing of an Agroecosystem; Base analysis and sigmodal forms; Principles and challenges in the evaluation of agroecosystems; Evaluation objectives, criteria and Links between evaluation criteria and the SDGs; Methodological approaches in structuring evaluation; Diagnostic analysis of agrarian systems; Design and implementation of an appropriate monitoring and evaluation system; Agro-environmental evaluation; Socio-economic evaluation; Evaluation based on transversal criteria; Evaluation of conditions for the development of Agroecology; Characterization of agricultural production systems' degree of agro-ecologisation.

***AS 5209 Ecological Entrepreneurship***

Sustainable wealth creation; Introduction to evolving consumer preferences; Market dynamics - rising demand for quality, ethical, and ecological concerns, and safety of primary products and services; Evolution of non-conventional enterprises beyond profiting; Concept of ecological entrepreneurship; Process of ecological entrepreneurship; Starting and sustaining profitable ecological enterprises; Public policy for ecological enterprises.

***AS 5202 Research Methods for Agroecology***

The nature of agroecological research; research designs; planning a research project and formulating research questions; quantitative research in agroecology; quantitative data collection methods; quantitative data analysis; qualitative research in agroecology; qualitative data collection methods; qualitative data analysis; mixed method research in agroecology; ethics in agroecology research.

***AS 6101 Internship***

Induction to the industrial environment; Massive Open Online Courses (MOOC) on employability; Career mentoring; Employability; Self-reflection using SEAL process (Situation, Effect, Action, Learning): Gap & SWOT analysis.

***AS 6201 Thesis – Research Project***

As a compulsory requirement of the degree programme, students are required to obtain 15 credits from the research project (AS 6201) 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.

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

### ***Registration***

On acceptance by the Board of the 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.

### ***Registration Validity***

The period of registration shall be commenced from the date of registration. Any registration shall be for one semester.

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

The registration for the Master of Science in Agroecology Degree Programme 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 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 candidates who have applied and/or who are registered for the Degree Programme in any given year is not sufficient/financially viable, the Board of Study/Faculty Board/Senate of the University reserves the right not to commence the Degree Programme. University may refund any fees paid by the candidates.

### ***Refund Policy***

The total programme fee is not refundable in any case. If a candidate fails to follow the programme after registration, the money paid may be refunded retaining 10% of the programme fee and any related service charges, after approvals from the Board of Study, Faculty Board and Finance Committee.

### ***Absences from Classes and Examinations***

- i. No candidate shall be absent or withdraw from the examination or any other assessment 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 an 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 (DMO)
  - c. Consultant Specialist in the relevant field
  - d. Head of a Government Base Hospital
  - e. Medical Superintendent of a Provincial Ayurvedic Government Hospital
  - f. Medical Officer registered in Sri Lanka Medical Council
  - g. 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 circumstances, 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 through the Supervisor of the examination.
- vii. If a candidate falls ill during the period of examination, she/he should obtain a medical certificate and should be sent to the Programme Director within 14 days.
- viii. The above candidates are allowed to sit for the repeat examination as proper candidates and they are expected to pay the examination fee in such an attempt.
- ix. The absence of a candidate from an examination in the event of a 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 Science in Agroecology degree Programme shall include course units as prescribed in the student handbook.

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

- Adding and dropping of the courses are allowed within two weeks of the commencement of the academic semester.
- Any request to add/drop courses beyond the add/drop deadline must be submitted before the End-term examination of the relevant course with an acceptable reason and permission must be obtained from the relevant Course Coordinator, Academic Coordinator and Programme Director.

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

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 and Examinations***

The medium of instruction, examinations and thesis writing of the Degree Programme in English.

### ***Examination Regulations***

Regulations related to examinations in the Rajarata University of Sri Lanka are applicable for the Degree Programme. The decision of the Senate on any examination matter shall be the final.

### ***Evaluation Criteria***

- i. The evaluation shall be throughout and at the end of each semester.
- ii. Course units shall be evaluated based on continuous assessments as well (quizzes, reports, assignments, presentations, case studies, etc.), and end-semester examinations.
- iii. The contribution of each course unit from the end-semester examination to the final grade shall be 40-60% while the rest is covered by the continuous assessments.
- iv. The end-semester examination shall consist of a question paper for each course module with a maximum duration of three hours for which all candidates should appear.
- v. The two (02)-credit internship shall be evaluated based on an internship e-portfolio and a final presentation.
- vi. The research component shall be evaluated based on the thesis, the thesis defence examination.
- vii. A student must obtain a minimum of “C” grade to pass a course unit and the Internship

- viii. A student must obtain a Satisfactory “S” level to pass the Comprehensive Examination and the Thesis at the Thesis Defense examination.

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

- i. A candidate shall not be permitted to sit for end of course examination unless
  - a. he/she has been duly registered as a postgraduate student from the commencement of the academic year/semester in which that examination is held.
  - b. he/she has submitted a duly filled examination application on time.
  - c. he/she shall bind by all rules relating to the Examination Procedure, Offenses, and Punishment of the University.
  - d. he/she has attended at least eighty per cent (80%) of the classes held.
  - e. he/she has paid examination fees and all dues of the program
- ii. The Academic coordinator has certified that he/she has completed the course of studies leading to the Master of Science in Agroecology 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 fulfil 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.
- v. All rules relating to the Examination Procedure, Offenses, and Punishment of the Rajarata University of Sri Lanka apply to the Master degree examination.

### ***Comprehensive Examination***

- i. The Board of Study shall appoint a five-member examination panel whom three shall be internal examiners from within the panel of teachers and two external examiners from outside appointed by the Board of Study for the comprehensive oral examination on receipt of the application by an eligible candidate.
- ii. The Board of Study shall nominate a member of the examination committee as the Chairperson.
- iii. To be eligible to sit for the comprehensive examination, a candidate should pay all remaining dues.
- iv. If a candidate fails to sit for the comprehensive examination on the date set by the Board of Study without providing any valid reason, it shall be considered as the first attempt. In such cases, a rescheduling fee and the comprehensive examination fee should be paid.
- v. If a candidate fails to sit for the comprehensive examination within the semester following the release of final GPA, all dues of the semester registrations, as prescribed in the current year student handbook, up to the date of application for the comprehensive examination should be paid.
- vi. For a student to be eligible to sit for a Comprehensive Examination he/she shall be required to satisfactorily complete the course component of the Degree Programme.
- vii. A candidate shall have a maximum of three attempts to obtain a satisfactory grade at the comprehensive examination.
- viii. If a candidate has not obtained a satisfactory grade (S) 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 in Agroecology.

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

To be eligible to be awarded the Master of Science in Agroecology, the student

- a. must have successfully completed the required credits.



- b. must have obtained a minimum Grade Point Average of 2.50. (with a maximum of two D passes).
- c. should have obtained a satisfactory grade (S) in the comprehensive examination and the thesis defence examination.
- d. completed the relevant requirements within a period as prescribed in section 02 of the governing by-laws.
- e. paid registration fees from the date of first registration to the date of the final thesis submission to qualify for the award of the degree.
- f. Submitted a full paper in a refereed journal.
- g. should have paid in full all remaining dues.

### ***Repeat Candidate***

A student who does not satisfy the conditions for a pass (minimum D grade), failed to submit a proper medical certificate in his/her absence to the examination, or is not eligible for the examination shall be referred to as a repeat candidate.

### ***Repeat Examinations***

- i. No repeat examinations would be arranged for the repeat students except for repeat comprehensive and thesis defense examinations. Repeat candidates must sit for the examination of relevant course units at the next available opportunity. Only two occasions shall be allowed to re-sit for an examination.
- ii. There will be additional fees charged from repeat candidates and candidates who request repeat comprehensive examinations and reexamination of thesis defense as determined by the University Senate, depending on the expenses be incurred by the University to serve their repeat attempts in the examination process.
- iii. The highest grade obtainable in repeat examinations of course units will be limited to a “B” grade.
- iv. The grace attempt will be allowed subject to the approval of the Board of Study and the University Senate after the lapse of all three attempts.
- v. If the student fails to obtain a higher grade at the repeat examination the originally obtained grade will be retained. The highest grade

obtained for the given course during the prescribed period is considered for the calculation of the Grade Point Average.

- vi. Repeat candidates shall make all payments as prescribed by the University 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.

### ***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 allowed to follow the next immediate offer after the recommendation of the Board of Study and the Faculty Board and approved by the University Senate. Such a candidate should complete the degree within stipulated time as prescribed in section No 02 of the governing By-laws. 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.
- 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 scale. The results sheet will be issued based on the request made by the candidate following the release of results of each semester by the Examination Branch of the University after confirmation of the University Senate.

### ***Re-scrutinization of Examination Results***

If a candidate wishes, she/he shall request to verify examination marks and grades, particularly for end semester examinations. Re-scrutinization of marks and grades shall be limited only during the 2 weeks immediately following the release of results of an examination. As the cost of the re-scrutinization process must be borne by the candidate, a non-refundable fee, calculated based on the actual cost of the re-scrutiny process shall be levied on the candidate.

### ***Grading System***

The following scheme shall be used to compute 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
<40	E	0.0

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 B grade even if the student may obtain more than 69 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 of 2.5. 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.

If a student fails to complete the requirements of a registered course due to illness or some other valid reason supported by evidence acceptable to the Board of Study, he/she shall obtain an “I” (Incomplete) grade for that course. Such a student shall complete the requirements for that particular course on the immediate occasion the course is next offered. In this instance, unlike the case of a repeat examination, on successful completion of the course, he/she will be given the actual grade obtained for that course.

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

- i. The effective date of the Master of Science in Agroecology Degree shall be the date on which the candidate passes the thesis defense examination provided that the corrected hardbound thesis is submitted to the examination branch within 30 days of the thesis defense examination.

- ii. If a candidate fails to submit the final bound copy of the thesis within the stipulated time, the effective date shall be the date on which he/she submits the final bound copy of the thesis.
- iii. If a candidate has to rewrite/resubmit the thesis, the examiners reserve the right to decide, at the thesis defense examination, if the candidate has to face another thesis defense examination after resubmitting the thesis. A student shall pay registration fees from the date of first registration up to the date the final bound thesis is submitted to qualify for the award of the degree.

### ***Result Sheets / Transcripts***

The fees payable for a certificate or statement of results or transcript shall be determined by the Board of Study.

### ***Early Exit Option***

If a Master of Science in Agroecology candidate requires an early exit having

- a. completion of a minimum of 30 credits of coursework with a minimum 2.5 FGPA in the program with satisfactory performance in the comprehensive examination without the research component and the internship can obtain Master of Agroecology (SLQL9). In such cases, the effective date will be the date that the candidate completes the comprehensive examination.
- b. completion of a minimum of 25 credits of coursework with a minimum 2.5 FGPA in the program without the comprehensive examination, research component and internship can obtain Postgraduate Diploma in Agroecology (SLQL8). In such cases, the effective date will be the date that results are released for the course which completes 25 credits.
- c. completion of a minimum of 20 credits of coursework with a minimum 2.5 FGPA in the program without the comprehensive examination and research component and internship can obtain Postgraduate Certificate in Agroecology (SLQL7). In such cases, the effective date will be the date that the candidate sit for the final examination for the course which completes 20 credits.

***Fall Back Option***

- A Master of Science in Agroecology candidate whose thesis is evaluated as unsatisfactory as Section No 50 can subsequently request a Master of Agroecology equivalent to SLQL 9. The effective date of the Master of Agroecology shall be the date of his/her completion of the comprehensive examination.
- A Master of Science in Agroecology candidate who failed at three attempts of the Comprehensive Examination can subsequently request a Postgraduate Diploma. The effective date of the Postgraduate Diploma shall be the date of the third comprehensive examination.
- A Master of Science in Agroecology candidate who failed to complete the degree programme but completed 20 credits with a minimum of 2.5 FGPA is eligible to request a Postgraduate Certificate. The effective date of the Postgraduate Certificate shall be the date of the request made by the candidate with the completion of the required credits of the coursework.



**Master of Philosophy Degree  
Programme**

## **Objectives of the Degree Programme**

- To provide research and training opportunities towards achieving sustainable agricultural development in the country
- To empower the human resource with required knowledge and skills to resolve, problems related to the advancement of agriculture
- To explore and sustain the agricultural sector through the accomplishment of specific services and use of novel technologies

## **Programme Outcomes**

A MPhil degree holder will be able to

1. demonstrate a critical understanding of up-to-date knowledge and research methodologies by evaluating past and current research knowledge of the area of expertise.
2. use practical skills in planning and conducting research effectively and design the research projects independently in order to solve the research problem/s.
3. disseminate scholar findings at a diverse range of levels through different media to the society and contribute knowledge and findings in response to issues in their specialist area.
4. take the leadership and work collaboratively with peers in solving problems in professional, technical and academic settings.
5. produce new ideas, inventions and knowledge through creative thinking by producing and testing new hypotheses under minimum supervision.
6. demonstrate independence in academic, professional and technical settings and make decisions in complex and varying contexts.
7. gain and use the ICT knowledge and information literacy for acquiring information planning & designing the research, analyzing and interpreting data and presenting research findings.
8. communicate and work with team members effectively while enhancing social networks.
9. adapt to the changing environments and learn through the new changes as appropriate.



10. acquire appropriate professional values, ethics, and attitudes and execute personal responsibility and accountability in tasks performed.
11. plan with clearly identified long-term goals for personal and professional development while working for development in society.
12. evaluate one's own learning and research concerning issues in the field and compare with the secondary information sources while engaging in independent learning for continuous professional development.

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

The minimum requirements for the registration of the Master of Philosophy degree should be,

- A Bachelor's of honours Degree in Agriculture or any related degree from a recognized University, which is equivalent to SLQF level 6.  
**or**
- 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.  
**or**
- 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.  
**or**
- Master of Agriculture degree or Master of Science degree in agriculture or any related discipline from a recognized University equivalent to SLQF level 9 or 10.  
**or**
- Any other equivalent qualifications acceptable to the Senate, Rajarata University of Sri Lanka upon qualifying examination/ interview and recommendation of the Board of Study, Faculty Board of Faculty of Agriculture, Rajarata University of Sri Lanka.

### **Application Procedure**

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

- Online via University/Faculty Website (Recommended)

- Download the 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 <https://pg.foa.rjt.ac.lk/> . Those who wish to obtain the application form and instructions by post, should send a 9”×6” size self-addressed stamped envelope worth of Rs. 200/= 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.

- i. Certified copies of the educational qualifications
- ii. Academic transcripts
- iii. Certified copy of the birth certificate
- iv. Copy of NIC / passport and two passport size photographs
- v. Two letters of recommendation of which one should be from an academic referee
- vi. Copies of any other documents to support the admission requirements
- vii. Letter of consent from the interim supervisor along with his/her CV.
- viii. Concept note of the proposed research, including the field of research, the tentative title, purpose/objectives of research, research methodology along with the name and institutional affiliations of the interim supervisor selected to supervise the research work.
- ix. Proof of evidence of funds/financial support to conduct the research work.
- x. Application processing fee
- xi. Declaration of release of the prospective candidate from work by the employer, if applicable

### ***How to apply and register?***

- Application for registration of the MPhil Degree is open throughout the year.
- Prospective candidates should approach and discuss with a potential interim supervisor who should be a member of academic staff attached the Faculty of Agriculture, Rajarata University of Sri Lanka. All the potential interim supervisors should have acquired at least a Master of Philosophy degree and possess sufficient expertise to supervise studies in the relevant subject area. External supervisors are allowed as directed by the interim supervisor, but their details need not to be submitted along with the application. The Board of Study of Postgraduate Programme reserves the right to change or recommend supervisors to the University Senate for its approval.
- In consultation with the interim supervisor, the prospective candidates should submit a duly completed application in the prescribed format together with a copy of the receipt of a payment of the application processing fee. The candidate shall forward following documents along with the application to justify his/her qualifications for undertaking the degree.
- 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. **008-1-001-6-0114574** held at the Peoples’ Bank, Anuradhapura indicating the applicant’s name and the address.
- Upon the receipt of the application and the concept note, the Board of Study shall make a decision on the overall acceptability of proposed research. If successful, the candidate will be requested to register as a candidate for the Master of Philosophy degree by paying 50% of the programme fee and other fees prescribed.

- After registration, students should present the research proposal to the Board of Study to evaluate its acceptability within two months from the date of registration. After acceptance of the research proposal the candidate should pay the balance payment of the programme fee.
- Candidate should submit the progress of the research in every six months together with weekly research diary to the Board of Study through his/her research supervisors within one month from the completion of the six-month period. If a candidate fails to submit the progress report within the stipulated time, a warning letter shall be issued by the Board of study. If the progress report is not received within one month from the date of issuing the warning letter the candidate will be suspended from the registration. In such case appeal may be submitted to reinstatement of the registration through the supervisor/s within six months from the suspension.

### ***Fee structure***

	<b>Rs.</b>
<i>MPhil programme fee</i>	180,000.00
<i>Application processing fee</i>	2,000.00
<i>Registration fee for four semesters</i>	8,000.00
<i>Library deposit (Refundable)</i>	5,000.00
<i>Library fee (Non-refundable for two years)</i>	3,000.00
<i>Internet/ Computer fee four semesters</i>	6,000.00
<i>Lab deposit (Optional)</i>	10,000.00
<i>Proposal presentation fee per attempt</i>	5,000.00
<i>Progress review fee Rs 6,000 per sitting (3 Nos.)</i>	18,000.00
<i>Examination fee per credit (Optional)</i>	950.00
<i>Repeat/medical examination fee per credit (Optional))</i>	1500.00
<i>Tuition fee per credit (Optional)</i>	3,500.00
<i>Thesis defense examination fee per attempt</i>	18,000.00
<i>Programme upgrading fee (Optional)</i>	10,000.00
<i>Annual Symposium fee Rs 2500 per year</i>	5,000.00
<i>Statement of results (Optional)</i>	1,000.00

The Master of Philosophy degree is designed to be a self-financed programme and the following fee structure is designed to cover the expenditure of the program. Programme fees shall be decided by the Board of Study from time

to time as necessary. Maximum two instalments could be allowed to pay the full amount of the MPhil programme fee upon the approval of the Board of Study.

### **Programme Structure**

The minimum permitted duration to complete the “Master of Philosophy in Agriculture”- by Research MPhil (Agriculture) shall be two academic years. The maximum duration to complete the degree shall be seven (07) academic years. Every MPhil candidate should undertake a research project, submit a thesis to qualify for the award of the degree. On successful completion of the research component and thesis defense examination, he/she will be awarded the degree of Master of Philosophy.

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

Conditional on these by-laws, a candidate may be awarded the “MASTER OF PHILOSOPHY” if he/she has;

- Fulfilled all the admission requirements for the degree program as set out in Section No. 03 of the By-laws of Master of Philosophy,
- Registered in the degree programme for the period prescribed in the governing by-laws,
- Pursued the program of study in the University to the satisfaction of the University Senate prescribed by these by-laws and other rules and regulations of the University,
- Published at least one publication in SCI indexed journal or two manuscripts submitted to refereed journals, of which one of them at least being accepted for publication from his/her MPhil research project.
- Paid in full, the library deposits and other fees including registration, examination and other dues to the university.

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

### ***Registration***

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

### ***Registration Validity***

The period of registration shall be commenced from the date of registration. Any registration shall be for a period of one semester.

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

The registration for the Master of Philosophy 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 Faculty Board and the University Senate.

### ***Changes in Registration***

A candidate who wishes to make changes to any initially accepted terms and conditions of his/her registration, should submit such requests to the Board of Study with the recommendation of supervisor/s. All such changes in registration should receive the recommendation of the Board of Study, Faculty Board, and approval of the 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.

### ***Refund Policy***

The total programme fee is not refundable in any case. If a candidate fails to follow the degree programme after registration, the money paid may be

refunded retaining 25% of the programme fee after approvals from Board of Study and the Faculty Board.

### ***Required Courses***

If the Board of study recommends the candidate to fulfil the required course/s related to the research component, the candidate should follow such courses and obtain minimum of “C” grade. The rules and regulations for Master of Degree Programme shall be applied if the relevant courses are followed.

### ***Research Supervisors***

Candidate has the liberty to select the Senior Supervisor of the research from the Board of Study concerned. Senior Supervisor and other Supervisor/s shall be appointed by the Board of Study after obtaining approvals from the Faculty Board and the University Senate.

The Principal Supervisor, or in a case where the research study is supervised by more than one supervisor that one of whom, should be from Rajarata University of Sri Lanka. Until the main supervisor and co-supervisors are appointed by the Senate upon the recommendation of the Board of Study, the Programme Director shall appoint interim supervisor/s to support prospective MPhil candidates to develop their concept notes.

### ***Unavailability of Supervisor/s***

In the case of the appointed Supervisor/s is/are unavailable due to any circumstances, the Board of study shall appoint new supervisor/s after obtaining approvals from the Faculty Board and the University Senate.

### ***Evaluation of Research Proposal***

After registration, students should present the research proposal to the Board of Study to evaluate its acceptability within two months from the date of registration.

### ***Changing Research Title***

In the case of changing the research project title, the candidate shall obtain the recommendation from the Board of Study, Faculty Board and approval from the University Senate.

### ***Ethical Clearance***

The ethical clearance shall be obtained from a relevant ethical clearance body, before commencement of the research, if required. The candidate must include such a clearance in his/her thesis.

### ***Research Progress***

The candidate should submit a progress report of the research work with the recommendation of the supervisor/s at the end of every six months. The progress report shall be submitted to the Academic Coordinator to be forwarded to the Board of Study. The candidate shall also be required to make progress presentations of the research after 6, 12 and 18 months from the date of the registration or whenever the Board of Study is requested to do so. If a candidate fails to submit the progress report within the stipulated time, a warning letter shall be issued after two reminders by the Board of Study. Such candidate shall be suspended from the registration by the University Senate. In such case, an appeal may be submitted to reinstatement of the registration through the supervisor/s within six months from the suspension..

### ***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.



### ***Extension of the Degree Programme***

If the candidate could not finish MPhil degree on the said period, he/she should request for a period of extension to the Board of Study and register for the extended period. The maximum period of extension shall be seven years from the date of first registration. However, in special circumstances the Board of Study will consider extension beyond seven years.

### ***Thesis Guideline***

The thesis shall consist of the candidate's own account of his/her research. It must provide a distinct contribution to knowledge and afford evidence of originality. Only research conducted after registration will be considered for the M.Phil. The thesis should be submitted in the format in accordance with the Regulations made available in the Thesis Guidelines available on the website.

### ***Thesis Submission for Evaluation***

Three softbound copies of the thesis should be submitted to the examination branch with the signatures of all supervisors along with the application for defense.

### ***Maintaining Intellectual Integrity and Avoid Plagiarism***

Maintenance of intellectual integrity and avoidance of plagiarism shall be the sole responsibility of the candidate when the thesis is prepared for submission. Every candidate working on the research shall appraise herself/himself and be fully aware of the necessity to ensure and uphold intellectual integrity and desist from any act of plagiarism. Candidates should aware that the Academic Coordinator shall check the submitted thesis for plagiarism and the similarity should not exceed 20% excluding technical terms, affiliations, and other obvious expression alike.

Maintenance of intellectual integrity and avoidance of plagiarism shall be the sole responsibility of the candidate when the thesis is prepared for submission. Every candidate working on the research shall appraise herself/himself and be

fully aware of the necessity to ensure and uphold intellectual integrity and desist from any act of plagiarism. Candidates should aware that the Academic Coordinator shall check the submitted thesis for plagiarism and the similarity should not exceed 20% excluding technical terms, affiliations, and other obvious expression alike.

### ***Thesis Evaluation***

The Board of Study shall recommend two external examiners, for the approval of the University Senate. SAR or AR/Examination Branch of the Faculty of Agriculture shall send the thesis to the examiners and arrange the thesis defense examination within a period of three months.

### ***Examination Panel***

Upon completion of the research, the Board of Study shall nominate the following panel for the thesis defense examination of MPhil upon receipt of the application by the candidate. Senior Assistant Registrar / Assistant Registrar of the Faculty of Agriculture shall be the Convener.

- i. Dean/ Chairperson of the BoS
- ii. Programme Director
- iii. Academic Coordinator
- iv. Two examiners for thesis evaluation
- v. Examiner, thesis defence examination
- vi. Research Supervisor/s (Observer/s)
- vii. One member from the Board of Study (Observer)

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

A candidate should obtain a satisfactory grade (S) for the thesis defense examination to qualify for awarding the degree. If a candidate receives unsatisfactory grade, he/she shall receive a maximum of three attempts, including the first, to defend the thesis.

In addition to the successful completion of the thesis defense, candidate should have at least one publication in SCI indexed journal or two manuscripts submitted to refereed journals, of which one of them at least being accepted for publication from his/her MPhil research project.

***Final Thesis Submission***

If there are minor corrections recommended by the examiners, the student should submit the corrected hard bound thesis within a period of 30 days with the approval of Senior Supervisor.

***Re-submission of Thesis***

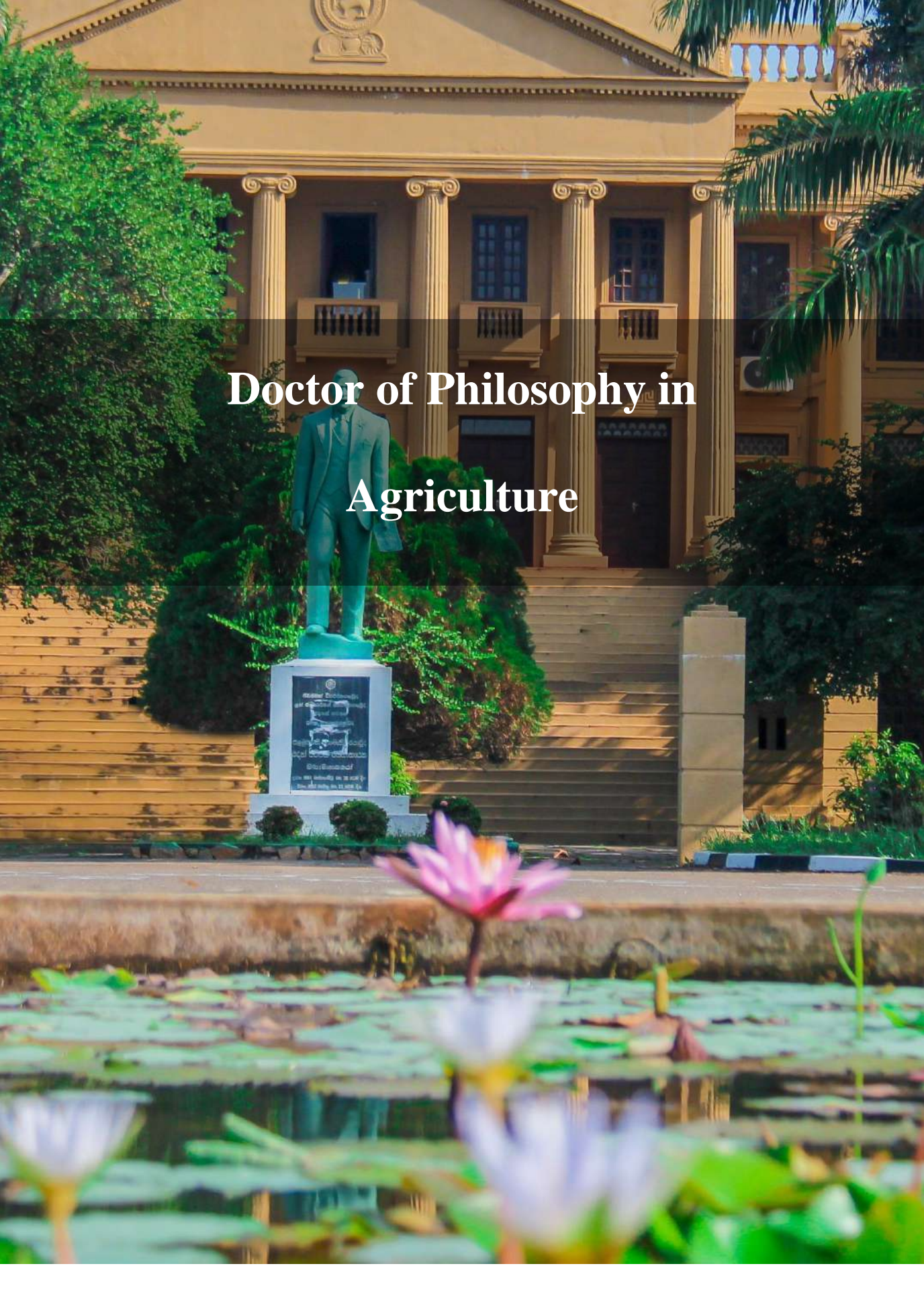
If there are major corrections recommended by the examiners, the thesis should be resubmitted. The student should resubmit the thesis only after a period of six months and should register for another academic semester.

***Effective Date of the Degree***

The effective date of the MPhil degree shall be the date on which the candidate passes the thesis defense examination provided that the corrected hard bound thesis is submitted to the examination branch within 30 days of the thesis defense examination. If a candidate fails to submit the final bound copy of the thesis within the stipulated time, the effective date shall be the date on which he/she submits the final bound copy of the thesis. If a candidate has to rewrite/resubmit the thesis, the examiners reserve the right to decide, at the thesis defense examination, if the candidate has to face another thesis defense examination after resubmitting the thesis. A student shall pay registration fees from the date of first registration up to the date the final bound thesis is submitted in order to qualify for the award of the degree.

***Results Sheets / Transcripts***

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



# Doctor of Philosophy in Agriculture

## **Objectives of the Degree Programme**

- To provide research and training opportunities towards achieving sustainable agricultural development in the country
- To empower the human resource with required knowledge and skills to resolve problems related to the advancement of agriculture
- To explore and sustain the agricultural sector through the accomplishment of specific services and use of novel technologies.

## **Programme Outcomes**

Upon completion of the doctorate, the candidate will be able to:

1. acquire a thorough academic knowledge of the areas of specialization and contribute to the development of new knowledge through the original research which makes a significant contribution to the area of expertise.
2. expose comprehensive understanding of methods and techniques applicable to the research and effectively apply specialized analytical skills in the planning and implementation of high-level research goals.
3. disseminate complex and advanced theories and research outcomes through publication and/or presentation at an internationally acceptable level and communicate the findings of the research through oral and written formats to a wider audience including specialists and non-specialists in the field.
4. exercise leadership and interact productively with people in resolving problems and issues through communication in professional, technical and academic settings and work collaboratively with all stakeholders to create, develop and exchange research knowledge.
5. design and conduct research to generate new ideas, inventions and knowledge while analyzing complex issues and problems to evolve

- efficient and effective approaches for solving them through divergent and creative thinking.
6. exercise a high level of independence and manage unpredictable situations in a professional and managerial environment.
  7. acquire and apply ICT skills and information literacy with a higher capability for organizing, processing analyzing and communicating of results of the research work.
  8. apply networking and team-building capabilities for professional relationships with peers and working effectively with individuals, groups and teams to establish research collaborations.
  9. develop an ability to learn, grow and respond positively for complex and unpredictable situations and apply appropriate strategies for adapting to changing circumstances and environments.
  10. exercise appropriate professional values, ethics, and attitudes.
  11. recognize and set clearly defined long term goals for the self-development and the improvement of society and develop an action plan to make it a reality.
  12. engage in self-learning by scholarly reviews and secondary sources of information and involve in collective learning for further development.

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

The minimum requirements for the registration of the Doctor of Philosophy in Agriculture degree should be,

- i. A Master of Philosophy Degree in Agriculture, Science, Biosystems Technology or any other related disciplines from a recognized University which is equivalent to SLQF level 11.

**or**

- ii. A Master Degree in Agriculture, Science, Biosystems Technology or any other related disciplines from a recognized University, which is equivalent to SLQF level 9 or 10.

**or**

- iii. A Bachelor's of Honours Degree of Level 6 in Agriculture, Science, Biosystems Technology or any other related disciplines with a minimum GPA of 3.3 at a scale of 0-4 with or without a qualifying examination as determined by the Senate.

**or**

- iv. A holder of Bachelor's of Honours Degree of Level 6 who has followed a MPhil degree in Agriculture, Science, Biosystems Technology or any other related disciplines for a minimum period of one year may be upgraded to PhD level provided that his/her research competencies are exceptional merit as recommended by the Board of Study and approved by the Senate.

**or**

- v. A holder of bachelor's degree of level 5 in Agriculture, Science, Biosystems Technology or any other related disciplines with a minimum GPA of 3.0 in the scale of 0-4 and successful completion of a qualifying examination which will be conducted after completion of 30 credits equivalent to SLQF 6 in the same or related field and registered to follow an MPhil degree may be upgraded to PhD level after a minimum period of one year provided that his/her research competencies are in exceptional merit.

### ***Qualifying Examination***

- i. A holder of bachelor's degree of level 6 with a GPA of 3.7 or above may not require to sit for a qualifying examination prior to registration for the PhD degree.
- ii. A holder of bachelor's degree of level 6 having GPA within 3.3 to 3.69 is required to sit for a qualifying examination prior to registration for the PhD

degree. He/she should be pass at a qualifying written examination and/or a viva-voce examination as prescribed by the relevant Board of Studies.

## **Application Procedure**

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

- Online via University/Faculty Website (Recommended)
- Download the 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 <https://pg.foa.rjt.ac.lk/> . Those who wish to obtain the application form and instructions by post, should send a 9”×6” size self-addressed stamped envelope worth of Rs. 200/= 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.

- i. Certified copies of the degree certificates
- ii. Certified copies of other relevant professional qualifications
- iii. Academic transcripts (Bachelor’s and Master’s degrees of the candidate should be sent directly to the Programme Director by the respective Universities where the applicant has obtained the degrees)
- iv. Certified copy of the birth certificate
- v. Copy of NIC / passport



- vi. Two passport size photographs
- vii. Two letters of recommendation of which one should be from an academic referee
- viii. Copies of any other documents to support the admission requirements
- ix. Letter of consent from the interim supervisor along with his/her CV.
- x. Concept note of the proposed research, including the field of research, the tentative title, purpose/objectives of the research, research methodology along with the name and institutional affiliations of the interim supervisor selected to supervise the research work.
- xi. Proof of evidence of funds/financial support to conduct the research work.
- xii. Application processing fee
- xiii. Declaration of release of the prospective candidate from work by the employer, if applicable

### ***How to apply and register?***

- Application for registration of the PhD Degree is open throughout the year.
- Prospective candidates should approach and discuss with a potential interim supervisor who should be a member of academic staff attached the Faculty of Agriculture, Rajarata University of Sri Lanka. All the potential interim supervisors should have acquired at least a PhD degree and possess sufficient expertise to supervise studies in the relevant subject area. External supervisors are allowed as directed by the interim supervisor, but their details need not to be submitted along with the application. The Board of Study of Postgraduate Programme reserves the right to change or recommend supervisors to the University Senate for its approval.
- In consultation with the interim supervisor, the prospective candidates should submit a duly completed application in the prescribed format together with a copy of the receipt of a payment of the application processing fee. The candidate shall forward following documents along with the application to justify his/her qualifications for undertaking the degree.
- 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. **008-1-001-6-0114574** held at the Peoples’ Bank, Anuradhapura indicating the applicant’s name and the address.

- Upon the receipt of the application and the concept note, the Board of Study shall make a decision on the overall acceptability of proposed research. If successful, the candidate will be requested to register as a candidate for the Doctor of Philosophy degree by paying 50% of the programme fee and other fees prescribed.
- After registration, students should present the research proposal to the Board of Study to evaluate its acceptability within two months from the date of registration. After acceptance of the research proposal the candidate should pay the balance payment of the programme fee.
- Candidate should submit the progress of the research in every six months together with weekly research diary to the Board of Study through his/her research supervisors within one month from the completion of the six-month period. If a candidate fails to submit the progress report within the stipulated time, a warning letter shall be issued by the Board of study. If the progress report is not received within one month from the date of issuing the warning letter the candidate will be suspended from the registration. In such case appeal may be submitted to reinstatement of the registration through the supervisor/s within six months from the suspension.

***Fee Structure***

	<b><i>Fee (Rs)</i></b>
<i>PhD programme fee*</i>	300,000.00
<i>Application fee</i>	2,000.00
<i>Registration fee per year</i>	4,000.00
<i>Library deposit (Refundable)</i>	5,000.00
<i>Library fee (Non-refundable)</i>	1,500.00
<i>Internet/ Computer fee per year</i>	3,000.00
<i>Lab deposit (Optional and refundable**)</i>	15,000.00
<i>Proposal presentation fee per attempt</i>	3,000.00
<i>Progress review fee (5 Nos.)</i>	20,000.00
<i>Examination fee per credit (Optional)</i>	800.00
<i>Tuition fee per credit (Optional)</i>	3,500.00
<i>Thesis defense examination fee per attempt</i>	24,000.00
<i>Statement of results (Optional)</i>	1,000.00
<i>Letter certifying studentship/ status</i>	100.00
<i>New and replacement of university identity card</i>	275.00

*\*Maximum three instalments could be allowed to pay from the full amount of the PhD programme fee upon the approval of the Board of Study.*

*\*\* This fee is refundable if there are no liabilities to the laboratories/library incurred during the course of study*

## **Programme Structure**

- i. The “Doctor of Philosophy in Agriculture” (PhD in Agriculture) is structured to conduct over a minimum period of three years for a full-time candidate and four years for a part-time candidate.
- ii. The permitted minimum duration to complete the Research (PhD in Agriculture) degree would be six years for a full-time candidate and eight years for a part-time candidate.
- iii. Every PhD candidate should undertake a high quality, original, and independent research project, submit a thesis to qualify for the award of the degree.
- iv. On successful completion of the research component and thesis defense examination, he/she will be awarded the degree of Doctor of Philosophy.

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

Conditional on these by-laws, a candidate may be awarded the “DOCTOR OF PHILOSOPHY in AGRICULTURE” [PhD (Agriculture)] if he/she has;

- i. Fulfilled all the admission requirements for the degree programme as set out in Section No. 03 of the By-laws of Doctor of Philosophy,
- ii. Registered in the degree programme for the period prescribed in the governing by-laws,
- iii. Pursued the programme of study in the University to the satisfaction of the University Senate prescribed by these by-laws and other rules and regulations of the University,
- iv. Paid in full, the library deposits including registration, programme and other dues to the university.

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

### ***Registration***

On acceptance by the Board of Study, Faculty Board and the Senate of the University, a person shall be registered as a postgraduate candidate of the University upon payment of prescribed fees.

### ***Registration Validity***

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

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

The registration for the Doctor of Philosophy in 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.

### ***Changes in Registration***

A candidate who wishes to make changes to any initially accepted terms and conditions of his/her registration, should submit such requests to the Board of Study with the recommendation of supervisor/s. All such changes in registration should receive the recommendation of the Board of Study, Faculty Board, and approval of the Senate.

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

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

### ***Refund Policy***

The total programme fee is not refundable in any case. If a candidate fails to follow the degree programme after registration, the money paid may be refunded retaining 25% of the programme fee upon request from the candidate after approvals from the Board of Study and the Faculty Board.

### ***Required Courses***

If the Board of Study recommends the candidate to fulfil the required course/s related to the research component, the candidate should follow such courses and obtain a minimum of “C” grade.

### ***Medium of Examinations***

Conducting of all examinations and thesis writing shall be in English.

### ***Research Supervisors***

For a doctoral degree, a candidate is required to carry out high level research under the guidance of a supervisor holding a qualification of this SLQF Level or equivalent (unless in exceptional circumstances that will have to be justified in writing before being appointed as a supervisor) and make a significant and original academic contribution creating new knowledge.

Candidate shall have the liberty to select the Principal Supervisor of the research. Principal Supervisor and other Supervisor/s shall be appointed by the University Senate upon the recommendations by the Board of Study and the Faculty Board. Until receiving the Senate approval for the Supervisor/s, an Interim Supervisor will be appointed by the Board of Study.

The Principal Supervisor, or in a case where the research study is supervised by more than one supervisor that one of whom, should be from the Faculty of Agriculture, Rajarata University of Sri Lanka.

During the period of registration, the candidate shall carry out the research under the guidance of the principal supervisor/s appointed by the RUSL unless otherwise a change is made due to an unforeseen reason.

The candidate shall meet the supervisor/s regularly as arranged with the consent of the supervisor/s, to report the progress made on the research. When he/she meets the supervisor/s, the candidate shall obtain a brief comment on the progress made up to that point and the signature of the supervisor/s on the official form provided.

At the end of every three months, the supervisor/s shall submit a confidential progress report on the candidate's research work. The report shall be submitted to the Academic Coordinator to be forwarded to the Board of Study.

The candidate shall also be required to make oral presentations on the progress of his/her research biannually or whenever the Faculty requires to do so, through a seminar presentation. In normal circumstances, the seminars shall be organized biannually by the Faculty.

### ***Unavailability of Supervisor/s***

In the case of the appointed Supervisor/s is/are unavailable due to any circumstances for a period of six months, the Board of Study shall appoint new supervisor/s after obtaining approvals from the Faculty Board and the University Senate.

### ***Submission of the Research Proposal***

After registration, students should submit the research proposal with the guidance of an Interim Supervisor to the Board of Study to evaluate its acceptability within three months from the date of registration.

### ***Evaluation of Research Proposal***

Evaluation of the research proposal shall be performed by two external reviewers appointed by the Senate with the recommendation of Board of Study and Faculty Board.

### ***Research Ethics clearance***

If required, ethical clearance should be obtained from a relevant ethical clearance body, before commencement of the research. The candidate must include such declaration in his/her thesis.

### ***Effective Date of the Research Commencement***

Research duration shall be counted from the original date of registration or the date of acceptance of the research proposal by the Board of Study.

If the research proposal is accepted within three months' time from the original date of registration, the commencement of the duration of the research project is reckoned as the original date of registration.

If the research proposal is accepted after three months duration of the initial registration, the date on which the proposal is accepted will be reckoned as the effective date of the commencement of research.

The research proposal recommended by the Board of Study and the Faculty Board, shall be approved by the Senate within six months from the date of acceptance of the research proposal.

In the case of upgrading from the MPhil to the PhD, the duration spent for the MPhil research will be considered when deciding the effective date.



### ***Changing Research Title***

In the case of changing the research project title, the candidate shall obtain the recommendation from the Board of Study, Faculty Board and approval from the University Senate.

### ***Research Progress***

Candidate should submit the progress of the research in every six months together with a weekly research diary through his/her research supervisor/s to the Academic Coordinator to be submitted to the Board of Study within one month from the completion of the six-month period.

If a candidate fails to submit the progress report within the stipulated time, a warning letter shall be issued after two reminders by the Board of Study. Such candidate will be suspended from the registration with the consent of the Senate. In such case, an appeal may be submitted to reinstatement of the registration through the supervisor/s within six months from the suspension.

### ***Extension of the Degree Programme***

If a candidate could not finish PhD degree on the stipulated period (i.e. within three and four years for full-time and part-time, respectively), he/she should request a period of extension to the Board of Study and register for the extended period. However, the maximum period of degree programme shall be up to six and eight years for the full-time and part-time candidate, respectively from the date of first registration.

### ***Thesis Guideline***

The thesis shall consist of the candidate's own account of his/her research. It must provide a distinct contribution to knowledge and afford evidence of originality. Only research conducted after registration will be considered for the PhD. The thesis should be submitted in the format in accordance with the regulations made under this by-law.

### ***Thesis Submission for Evaluation***

- i. Four softbound copies of the thesis should be submitted to the examination branch with the signatures of all supervisors along with the application for defense.
- ii. Candidate shall submit a summary report (2000-3000 words) of the research along with the final thesis.
- iii. The thesis can only be submitted at the end of the minimum stipulated duration for PhD i.e. three years for a full-time candidate and four years for a part-time candidate after successful completion of research. By this time, he/she should have completed all the identified courses prescribed by the Board of Study with satisfactory grades prior to the submission of the thesis.
- iv. The thesis shall demonstrate the candidate's ability to make a significant and critical contribution to the chosen field of study and the work should also represent a creative and seminal contribution to new knowledge on the study of subject.
- v. At least three months prior to submission of the thesis to the Board of Study, the candidate shall, with the approval of the supervisor/s, inform the Academic coordinator of his/her intention to submit the thesis, enabling the Board of Study to proceed with making necessary arrangements to appoint examiners.

### ***Maintaining Intellectual Integrity and Avoid Plagiarism***

Maintenance of intellectual integrity and avoidance of plagiarism shall be the sole responsibility of the candidate when the thesis is prepared for submission. Every candidate working on the research shall appraise herself/himself and be fully aware of the necessity to ensure and uphold intellectual integrity and desist from any act of plagiarism. Plagiarism detector report should be submitted along with the thesis and the similarity should not be exceeded 20%.

In case of violation of this condition, the Board of Study and Faculty Board shall recommend to the Senate to take action against such candidate according

to the University rules relating to examination offences and punishments, which could include the cancellation of registration of the candidate and debarment of the candidate from further registration with the University.

### ***Examination Panel***

Upon completion of the research, the Board of Study shall nominate the following panel for the thesis evaluation and defense examinations of PhD upon receipt of the application by the candidate. Senior Assistant Registrar / Assistant Registrar of the Faculty of Agriculture shall be the Convener.

- a. Dean (Chairman)
- b. Programme Director
- c. Academic Coordinator
- d. Three Examiners
- e. Research Supervisor/s (Observer/s)

The Board of Study shall recommend three examiners (at least two of which from outside the University), for the approval of the University Senate. Three examiners have the sole responsibility on evaluation of the thesis and defense examinations. SAR or AR/Examination Branch of the Faculty of Agriculture shall send the thesis to the examiners and arrange the thesis defense examination within a period of three months.

### ***Thesis Evaluation***

- i. The examiners appointed by the Senate for the evaluation of the thesis shall submit written reports on the thesis to the Academic coordinator.
- ii. The Senate on the recommendation of the Board of Study and Faculty Board shall appoint another examiner/s in the event that the examiner/s does/do not comply with the requisite time period for evaluation.

- iii. The examiner/s has/have options to recommend the thesis as it is or recommend with suggested minor corrections or recommend with suggested major corrections or not recommend the thesis in his/her report. The report shall be submitted within a period of preferably three months. In the case of the thesis is not recommended, the examiner/s should provide the reasons and justification.
- iv. If the two or more examiners accept/recommend the thesis, candidate shall be eligible for the thesis defense examination. If two examiners do not recommend the thesis, candidate has to re-submit the thesis addressing the recommendations given by the examiners. In such case, candidate should bear the cost of re-evaluation of the thesis. If all examiners do not recommend the thesis, the candidate shall not be eligible for the thesis defense examination. The board of examiners will meet and may recommend the granting of a fallback option upon the request by the candidate (adhering to the MPhil by-laws).

### ***Re-submission of Thesis***

If the examiners recommend to re-submit the thesis during thesis evaluation, the candidate should resubmit the thesis only after a period of six months and before one year from the date of first attempt. This thesis will be re-examined. The candidate should submit four bound copies of the revised thesis certified by the Supervisor(s), with a separate letter indicating the changes made in a tabular form including the revisions suggested, actions taken and the relevant page numbers of the thesis. The candidate should follow the thesis submission guidelines as mentioned in the section 28. The candidate should register for another academic semester.

### ***Thesis Defense (Viva-voce) Examination***

- i. The purpose of the thesis defense (viva-voce) examination is to find out the originality of the work, candidate's ability to present and support his/her thesis and answer questions on the work and the subject matter of his/her suitability to receive the degree.

- ii. Candidate should settle all arrears payments for the thesis defense examination.
- iii. Before applying for the thesis defense, it is mandatory for the candidates to hold a public seminar or publish research highlights in mass media indicating the societal relevance or new knowledge generated through his/her research.
- iv. At the time of thesis defense, candidate should have at least two publications submitted to SCI-indexed journal, of at least one of them being accepted for publication or three manuscripts submitted to refereed journals, of which two of them at least being accepted for publication. Manuscripts submitted to / published in predatory journals will not be considered for awarding the degree.
- v. After the submission of the thesis and meeting the above stated requirements, a candidate shall be called for a thesis defense examination.
- vi. The final decision of the thesis defense examination will be taken at the thesis defense with the decision of the majority of the examiners.
- vii. The candidate may receive decisions of satisfactory or unsatisfactory grade for the defense. Further, panel will inform the status of the thesis evaluation whether it accepted as it is or accept with minor revisions or major revisions of the thesis.
- viii. If a candidate receives an unsatisfactory grade, he/she shall receive a maximum of three attempts, including the first, to defend the thesis.
- ix. If the candidate receives an unsatisfactory grade for the last attempt, he/she may request the fallback option (adhering to the MPhil by-laws).

### ***Absence from the Thesis Defense Examination***

If a candidate is absent for the thesis defense examination, he/she should inform the Board of Study and if it is on medical grounds, he/she should submit medical certificate/s. Except for any justifiable reason, if a candidate is absent, he/she receives an unsatisfactory grade.

### ***Final Thesis Submission***

If there are minor corrections recommended by the examiners, the candidate should submit the corrected hard bound thesis within a period of 30 days with the approval of Principal Supervisor.

If there are major corrections recommended by the examiners, the thesis should be submitted within a period of 3 to 6 months with the approval of Principal Supervisor, with a separate letter indicating the changes made in a tabular form including the revisions suggested, actions taken and the relevant page numbers of the thesis.

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

A candidate should obtain a satisfactory grade (S) for the thesis defense examination and submit the final hard bound thesis to qualify for awarding the degree and should settle all financial dues of the degree programme. Final Thesis Submission

If there are minor corrections recommended by the examiners, the student should submit the corrected hard bound thesis within a period of 30 days with the approval of Senior Supervisor.

### ***Early Exit or Fallback Options***

If a candidate who requires an early exit has completed two years of research or at the time of thesis evaluation or receives an unsatisfactory grade at the thesis defense, he/she should forward a written request to the Board of Study to award a MPhil degree. Upon his/her performance, the Board of Study will recommend his/her request to the Senate for approval.

Such candidate should have at least one publication in SCI index journal or two manuscripts submitted to refereed journals, of which one of them at least being accepted for publication.

***Effective Date of the Degree***

- i. The effective date of the PhD degree shall be the date on which the candidate passes the thesis defense examination with recommended minor corrections provided that the corrected hard bound thesis is submitted to the examination branch within 30 days of the thesis defense examination.
- ii. If a candidate fails to submit the final bound copy of the thesis within the stipulated time, the effective date shall be the date on which he/she submits the final bound copy of the thesis.
- iii. If the candidate passes the thesis defense examination with recommended major corrections, effective date shall be the date on which he/she submits the final bound copy of the thesis.
- iv. A candidate shall pay registration fees from the date of first registration up to the date the final bound thesis is submitted in order to qualify for the award of the degree.

***Results Sheets / Transcripts***

- The fees payable for a certificate or statement of results or a transcript shall be determined by the Board of Study.
- 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.

### ***Lecture Theatres***

The faculty houses fully furnished lecture theatres where a conducive learning environment is created with air-conditioning. They are equipped with ergonomically designed chairs and cutting-edge smartboards. They are optimized for online and integrated learning by providing high speed internet connections.

### ***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 and Technology Incubation Centre***

You are allowed to use the resources and facilities in the workshop and technology incubation centre 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>	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. G.V.T.V. Weerasooriya	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



**FACULTY OF AGRICULTURE**  
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