

Undergraduate

# PROSPECTUS



**FACULTY OF MEDICAL SCIENCES**  
**UNIVERSITY OF SRI JAYEWARDENEPURA**  
**GANGODAWILA, NUGEGODA**



LANDMARK OF MEDICAL EDUCATION  
IN  
SRI LANKA



Faculty of Medical Sciences of the University of Sri Jayewardenepura is one of the most prestigious Medical Faculty in Sri Lanka.

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# MESSAGE FROM THE DEAN

## From the Office of the Dean

It is with great pleasure that I welcome you to the Faculty of Medical Sciences of the University of Sri Jayewardenepura, one of the most prestigious medical faculties in Sri Lanka. Established in 1993, the Faculty of Medical Sciences is one of the five faculties in the largest University in Sri Lanka in terms of student numbers. We offer an excellent educational environment for learning, teaching and research in the fields of medicine and human biology. We are the first Faculty of Medical Sciences in the island to offer Allied Health Sciences degree programmes in Nursing, Pharmacy, Medical Laboratory Sciences and Human Biology in addition to the Medical degree programme.



Our main affiliated teaching hospitals are Colombo South Teaching Hospital, Sri Jayewardenepura General Hospital and Homagama Base Hospital. Colombo South Teaching Hospital and Sri Jayewardenepura General Hospital are considered as main tertiary referral centres in the island. These hospitals are well equipped with modern state-of-the-art technology and with a high patient enrolment and these institutions provide a truly world class patient centered learning environment. In addition to these hospitals the students are also trained at National Cancer Institute, Maharagama and National Institute of Mental Health, Angoda. The Faculty offers an extensive training programme in Family Medicine conducted at the modern Family Practice Centre, the first of such programmes initiated in Sri Lanka for training of family physicians.

In our constant effort to enhance student and staff friendly teaching and learning experiences, the Department of Medical Education regularly evaluates our teaching programmes and the

curricula are designed with much emphasis on staff and student feedbacks. We invite foreign students to join our excellent elective programme and to enjoy our Sri Lankan hospitality; learn medicine and health sciences in a tropical environment.


With many opportunities for basic and clinical research, the Faculty of Medical Sciences provides a worthy research environment for Faculty members and students. Research and development in the Faculty addresses national priorities and current global issues seeking to produce high impact, constantly relevant and internationally recognised research by close collaboration with key international research groups and laboratories.

Our high standards mean that a University of Sri Jayewardenepura degree is respected both in Sri Lanka and abroad and our graduates are employed in the hospitals, medical centres, laboratories and biotech companies all over the world.

We warmly welcome you to journey with us through your field of interest in Medical and Health Sciences in the Faculty of Medical Sciences of the University of Sri Jayewardenepura.

Professor Manori Gamage  
Dean and Professor in Paediatrics  
Faculty of Medical Sciences  
University of Sri Jayewardenepura

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# 1. INTRODUCTION

The Faculty of Medical Sciences (FMS) of the University of Sri Jaywardenepura (USJP) was established in 1993 under the Universities Act No.16 of 1978 under section 21.

The first group of students was admitted to FMS on the 11<sup>th</sup> of March 1993. The Faculty has offered the degree programme Bachelor of Medicine and Surgery (MBBS) from its inception. The (B.Sc.) Human Biology programme was introduced in 1994.

The Faculty continually strives to uplift the standards of the institution, by paving the way for students to reach their full potential. The Faculty has strengthened its human resources and other infrastructure facilities during the past 30 years. In 2004 the Faculty revised its medical curriculum from a traditional subject-based to a system-based curriculum with horizontal and vertical integration. This new integrated and student centred curriculum was implemented in 2007. Throughout the short history of the Faculty, our undergraduates have secured high ranks in the common merit order and excelled in various postgraduate courses.

The Faculty comprises seventeen academic departments (pg.4). The Colombo South Teaching Hospital (CSTH), the Sri Jaywardenepura General Hospital (SJGH), and the Homagama Base Hospital serve as the main teaching hospitals for medical students. CSTH houses the University Professorial Units in the principal clinical disciplines.

The Faculty of Medical Sciences is located on the outskirts of the city of Colombo, within the premises of the University of Sri Jaywardenepura, together with eight other faculties. The travelling time to each of the main teaching hospitals, Colombo South Teaching Hospital-Kalubowila, Sri Jaywardenepura General Hospital and Homagama Base Hospital is about 30 minutes.

The Colombo South Teaching Hospital is the second largest government hospital in the Colombo district. It has a bed strength of about 1106, with a staff of over 2300 health care workers involved in patient care. In addition to the University professorial units, the hospital also runs a round-the-clock Out Patients Department (OPD) that



admits patients to wards of all major disciplines and several medical specialties. It is equipped with an Emergency Treatment Unit, Accident Service, several operating theatres, three intensive care units, an endoscopy unit and a dialysis unit among many other facilities.

The Sri Jaywardenepura General Hospital has a bed strength of 1072 and is served by a staff of 1597. It offers in-patient and out-patient services in all major disciplines as well as several medical specialties. SJGH is also equipped with several operating theatres, intensive care units and a range of the other facilities.



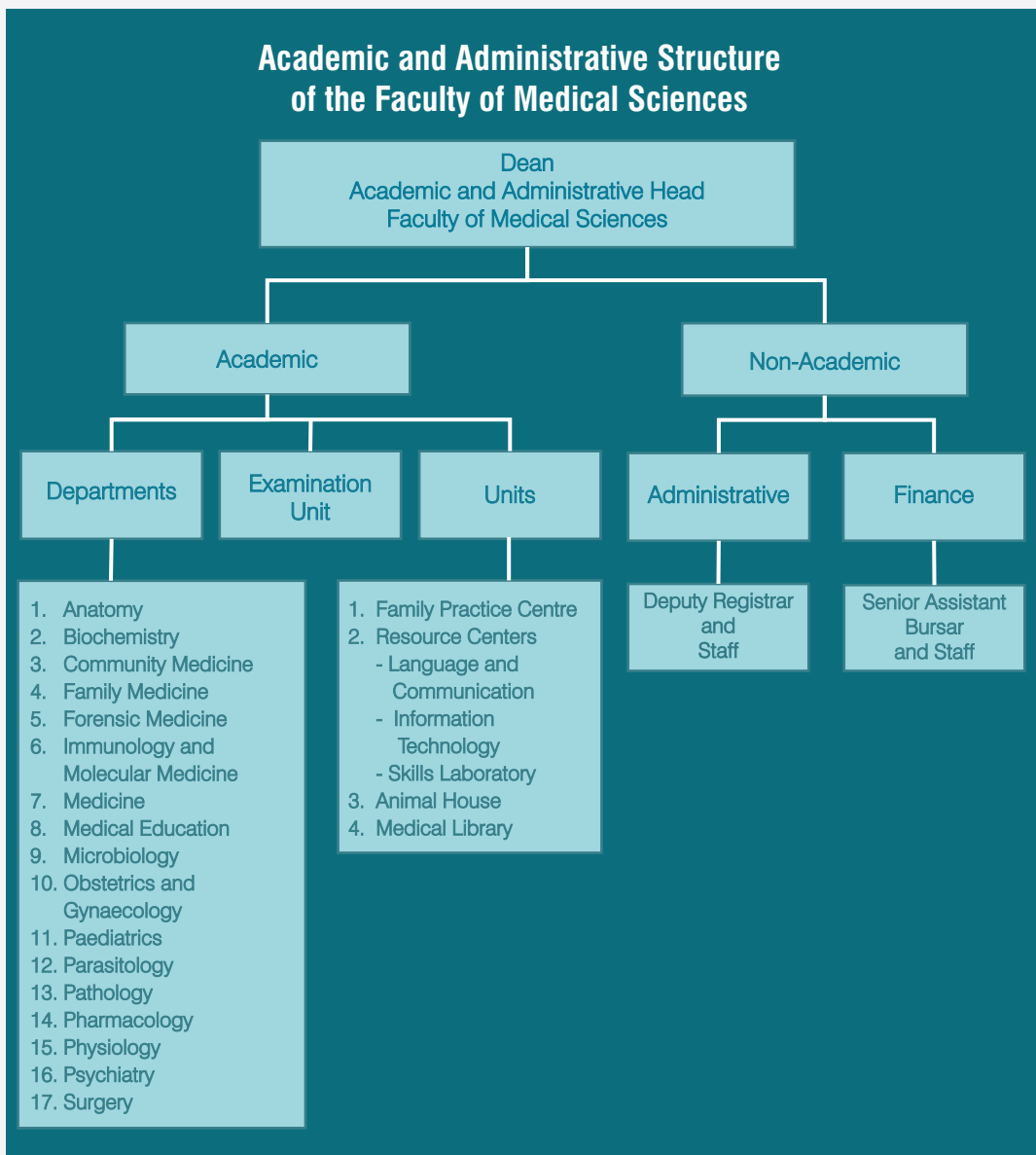
Colombo South Teaching Hospital is the second largest government hospital in the Colombo district. It has a bed strength of about 1100, with a staff of over 2300 health care workers involved in patient care. In addition to the University professorial units, the hospital also runs a round-the-clock Out Patients Department (OPD) that admits patients to wards of all major disciplines and several medical specialties.

Homagama Base Hospital has a bed strength of 474 and is served by a staff of 720. It offers in-patient, out-patient, and primary care services.

Several other hospitals are utilised to expose medical students to certain sub-specialties: for example the National Cancer Institute Maharagama, National Hospital of Sri Lanka, Lady Ridgeway Children's Hospital Colombo, and The National Institute of Mental Health Angoda. Students are provided exposure to rural and community oriented health through the Community Medicine programme conducted at the Boralesgamuwa Medical Officer of Health (MOH)

office and the Community Based Medical Learning (CBML) programme, which is a residential posting in a rural area.

The Family Practice Centre (FPC) caters to the surrounding semi-urban population of Wijerama and Raththanapitiya, providing services to the area. FPC is also a teaching centre for Family Medicine and provides an opportunity for students and staff to interact with the local community. It was the first ever purpose built family practice teaching centre established in South East Asia, and serves as a model Family Practice Centre for undergraduate and postgraduate training.



## 2. MISSION, VISION AND GOALS

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### Vision

Prosper lives through education

### Mission

To produce competent and socially responsible professionals who are empowered to provide and advance healthcare globally through diverse learning opportunities.

### Values

1. Compassion and Empathy - The Faculty appreciates being sensitive to the difficulty of others and what they may be experiencing through expressions of kindness, caring and helpfulness, which create greater trust and learning for all involved.
2. Integrity and Honesty - The Faculty values the ability to be honest with one self and stay true to our own values and beliefs and stand up for what we believe is right.
3. Respect and Humility - The Faculty promotes an environment where everyone respects each other by understanding that they can learn from and celebrate the achievements of others without it detracting from their own accomplishments and sense of identity.
4. Diversity and Inclusiveness - The Faculty recognizes that its strength and unity come from being inclusive and providing equal opportunities to a diverse staff, students and patients.



# 3. INSTITUTIONAL OBJECTIVES

The institutional objectives of the Faculty were developed in keeping with the benchmark statement of a medical graduate as recommended by the University Grants Commission (UGC) and also considering the benchmark statement of a medical graduate in the UK as recommended by the General Medical Council.

Graduates of the Faculty of Medical Sciences of the USJP should be able to:

1. Develop and apply the attributes and personal characteristics necessary for a productive professional relationship by:
  - a. sensitive and humanistic approach towards patients and family
  - b. being aware that the person who is ill is more important than the illness he suffers
  - c. recognising that good professional practice involves a partnership between patient and doctor, based on mutual trust and understanding
  - d. collaborating sensitively and effectively with allied health persons as a member of the health care team
  - e. demonstrating ability to lead, guide and coordinate work.

2. Apply basic scientific knowledge in a wide range of practice situations by:

- a. applying knowledge and understanding of the normal structure and function of the body to interpret the observed signs and symptoms
- b. arriving at a reasoned conclusion with regards to the course of the altered structure, function and behavioural changes by an understanding of the mechanisms that cause disease
- c. planning and interpreting investigative procedures to validate the reasoned conclusions
- d. planning appropriate management interventions.

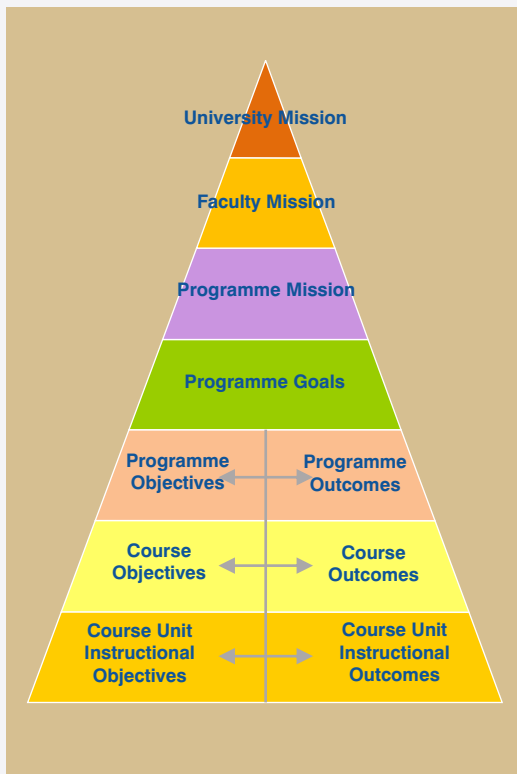
3. Diagnose and rationally manage a defined range of health problems (in Sri Lanka) by :

- a. obtaining a relevant clinical history and carrying out an appropriate examination
- b. formulating a satisfactory differential diagnosis
- c. planning appropriate and cost effective investigative procedures
- d. making a rational management plan utilizing available resources.

4. Recognise emergency situations which require immediate action and be able to carry out initial management of such conditions.

5. Communicate effectively by :

- a. developing skills to interact with a wide variety of patients and relatives
- b. counseling patients and members of the family on the illness or disablement to relieve them of their distress
- c. writing and maintaining accurate clinical records based on observations and communicating the same to others concisely and effectively both verbally and in writing



- d. interacting with colleagues, allied health personnel, and the general public on professional matters clearly and effectively.
6. Comprehend and apply ethical values associated with professional practice and conduct by :
    - a. understanding the medicosocial legislation and its impact on medical practice
    - b. understanding the ethical standards of professional conduct which includes patient's right to privacy, confidentiality and informed consent
    - c. undertaking the management of patients without causing undue economic stress on the patient
    - d. being aware of the potential conflicts that may arise between his obligations to the patient, the community and himself.
  7. Apply the principles and practice of medicine in a community or population context by :
    - a. using the knowledge of basic epidemiology in health promotion and prevention of diseases
    - b. identifying the health care needs of risk groups and the community in general, undertaking appropriate measures to provide such care and evaluating the results of such interventions
  8. Contribute to the health system of the country as a primary care physician by:
    - a. providing primary medical care to an individual or family
    - b. providing highly personalised health care with due consideration to cultural, behavioral and social issues
    - c. providing comprehensive care including referral to specialised services while continuing overall responsibility of the patients
    - d. assuming the function of integrating the curative and preventive aspects of health care in the context of the individual and family.
  9. Evaluate his own performance and seek assistance where necessary by accepting willingness for review and self audit of his own performance.
  10. Keep abreast of advancing medical knowledge, contribute to new knowledge by research and disseminate knowledge to others.



## 4. CONTACT INFORMATION

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### **Prof. Manori Gamage**

Dean

Faculty of Medical Sciences

University of Sri Jayewardenepura

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### **Mrs. A.L.W. Amaratunga**

Deputy Registrar

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### **Faculty Office**

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An abstract graphic on the left side of the page, featuring a stylized globe with various shades of blue and white. Overlaid on the globe are intricate white lines that resemble a circuit board or a network diagram, with some lines forming circular patterns. The globe is partially obscured by the text and the large number '3'.

# ACADEMIC PROGRAMME 3

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# 1. MBBS DEGREE PROGRAMME

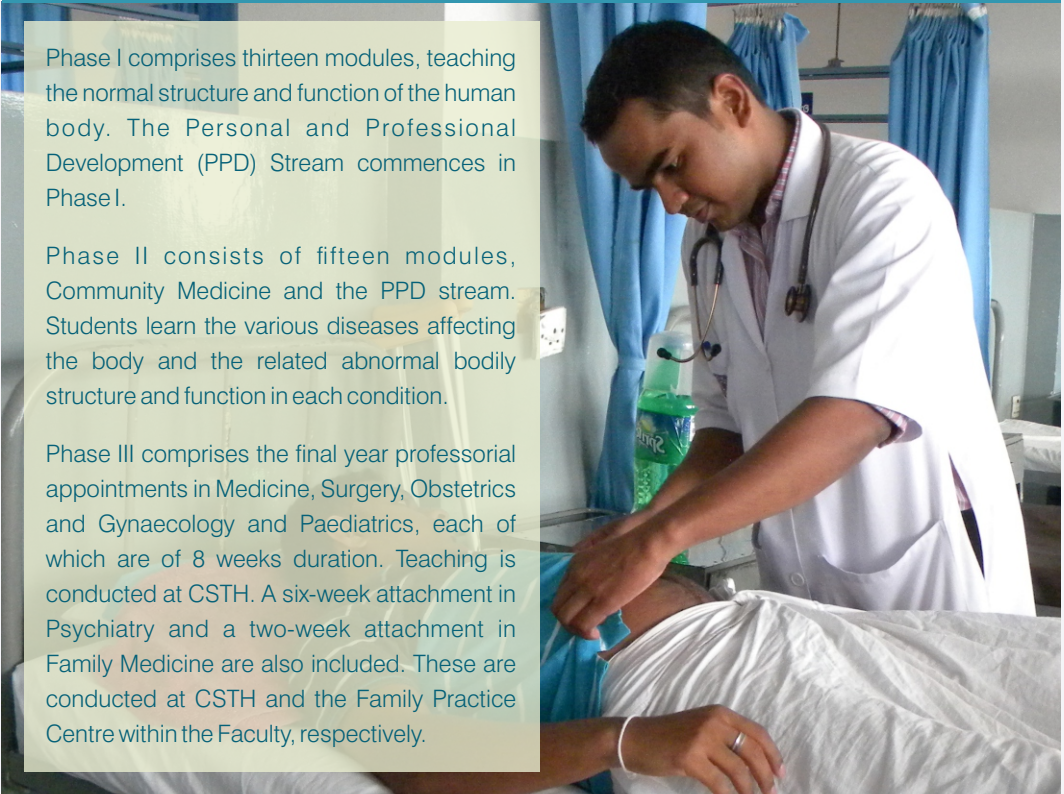
## Overview of the Curriculum

The duration of the MBBS degree course is five years. Each academic year comprises 3 terms and each term is 10 weeks in duration. The curriculum is integrated, system-based and is divided into three phases: Phase I, Phase II and Phase III. Phase I consist of 5 terms, Phase II, 6 terms and Phase III, 3 terms.

Phase I comprises thirteen modules, teaching the normal structure and function of the human body. The Personal and Professional Development (PPD) Stream commences in Phase I.

Phase II consists of fifteen modules, Community Medicine and the PPD stream. Students learn the various diseases affecting the body and the related abnormal bodily structure and function in each condition.

Phase III comprises the final year professorial appointments in Medicine, Surgery, Obstetrics and Gynaecology and Paediatrics, each of which are of 8 weeks duration. Teaching is conducted at CSTH. A six-week attachment in Psychiatry and a two-week attachment in Family Medicine are also included. These are conducted at CSTH and the Family Practice Centre within the Faculty, respectively.



	Year 1	Year 2	Year 3	Year 4	Year 5
IT and Language Modules		Clinical Training Phase I	Clinical Training Phase II		Clinical Training Phase III
		Phase I Modules (13)	Phase II Modules (15)		
			Community Medicine		
		Personal and Professional Development Stream			

## Elective Programme

The Faculty of Medical Sciences offers elective appointments upto 8 weeks duration in a wide range of specialties ranging from clinical subjects to electives in basic sciences and laboratory based subjects.

The clinical appointments are based in the respective professorial teaching unit at the Colombo South Teaching Hospital. Attachments in pre-clinical and para-clinical disciplines are held in the respective departments at the Faculty of Medical Sciences. The Family Medicine attachment is based in the Family Practice Centre, which is located within the premises of the Faculty.

The Faculty's elective programme offers a unique educational experience with the opportunity to participate in teaching ward-rounds, bedside teaching, ward classes, student presentations, seminars, case presentations, small group discussions etc. Students also receive hands-on experience in history taking, physical examination, simple in-ward procedures, operating theatre ethics, laboratory procedures and conducting community clinics.

Further information is available on the Faculty website ([www.medical.sjp.ac.lk](http://www.medical.sjp.ac.lk)) or can be obtained by contacting the Elective Programme Coordinator.

### Elective Programme Coordinator:

Prof. Shalindra Ranasinghe,  
Coordinator - International Elective Programme,  
Faculty of Medical Sciences,  
University of Sri Jayewardenepura,  
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Sri Lanka.

E-mail : [electives@sjp.ac.lk](mailto:electives@sjp.ac.lk)



# 5. HUMAN BIOLOGY DEGREE PROGRAMME

## Overview of the Curriculum

The Faculty of Medical Sciences offers two degrees in Human Biology: the Human Biology general degree and the special degree. The Human Biology general degree course involves 3 (8 terms) years of study. This will comprise of Part I, Part II and Part III (general) course work. The Human Biology special degree course involves 3.5 (9 1/2 terms) years of study, and will comprise of Part I, Part II and Part III (special) course work.

**Part I** of 5 terms duration comprises of thirteen system-based modules integrating Anatomy, Physiology and Biochemistry and teaching the normal structure and function of the human body. The course is followed with the medical undergraduates. Students are introduced to basic sciences and are expected to gain knowledge in basic practical skills.

The orientation programme is conducted in the first 3 weeks of the first term of the course. The students are expected to improve their reading, writing, speaking and listening skills in English during this period.

### Sequence of Part I Modules

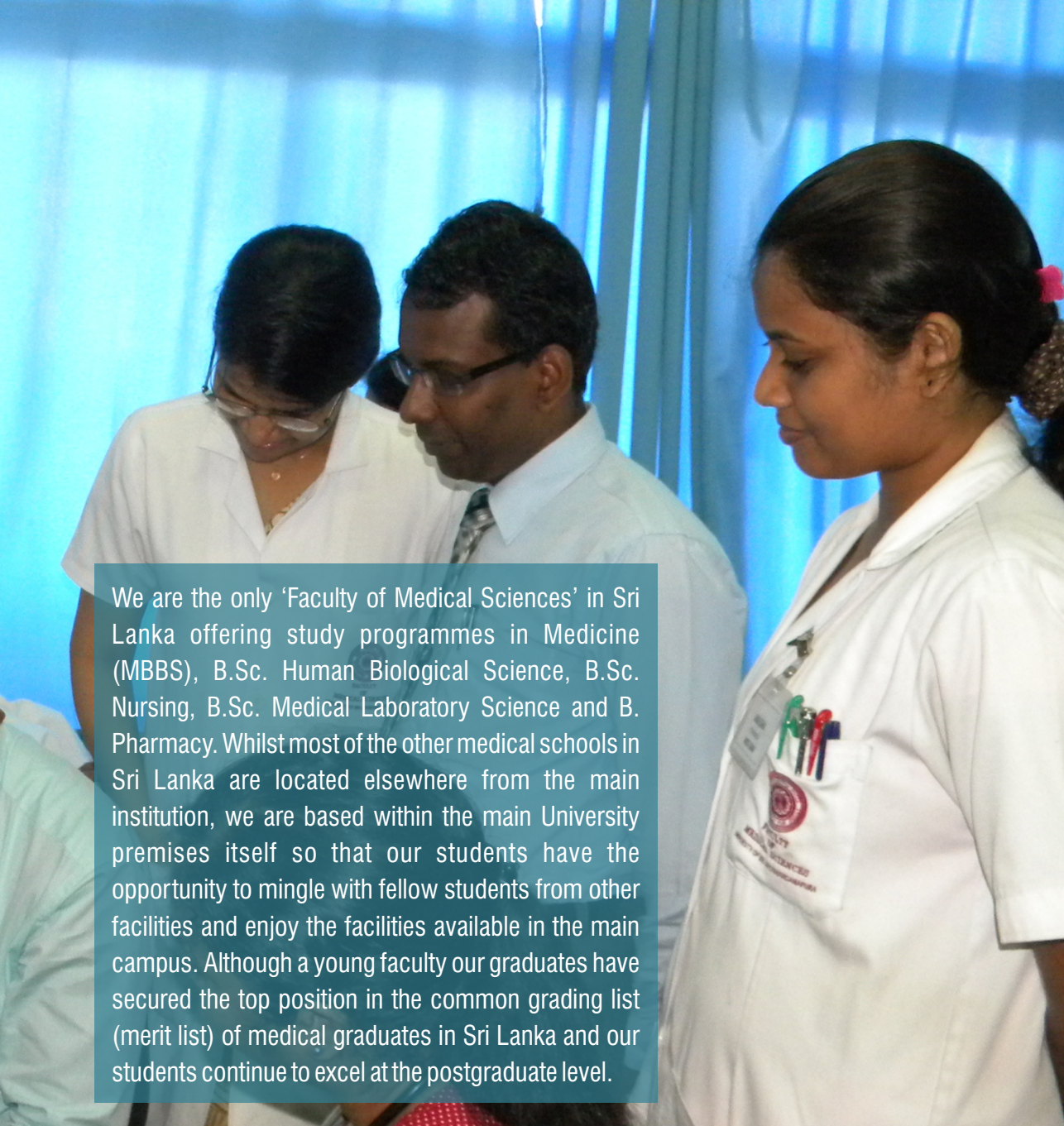
Term	Module
Orientation	Orientation, English and IT
Term 1	Foundation, Blood and Immune, RS Anatomy
Term 2	CVS
	Respiratory, Physiology
	GIT
Term 3	Endocrine
	Renal / Reproduction
	Metabolism - I
Term 4	Metabolism - II
	App. Physiology
	Nutrition
	Muscular-skeletal
Term 5	Neurosciences
	Clinical Biochemistry

**Part II** consists of General Pathology, General Parasitology, General Microbiology and General Pharmacology taught during 1.5 terms (15 weeks).

### Sequence of Part II Modules

Term	Module
Term 6	Introductory
Term 7	Multi-systems Infections
	Cardiovascular

**Part III** of the course comprises the specialization year (3 terms) with the selected speciality (Biochemistry/ Food and Nutrition/ Anatomy / Immunology / Microbiology). If not eligible for specialisation, a candidate will be able to follow the B.Sc. General degree course, including 1.5 terms of further study in Pathology, Parasitology, Microbiology and Pharmacology (Part III - General). Medical undergraduates of the faculty who are unable to complete the MBBS degree course are also eligible to follow the Human Biology General Degree offered by the Faculty, if they have full filled the selection criteria.



We are the only 'Faculty of Medical Sciences' in Sri Lanka offering study programmes in Medicine (MBBS), B.Sc. Human Biological Science, B.Sc. Nursing, B.Sc. Medical Laboratory Science and B. Pharmacy. Whilst most of the other medical schools in Sri Lanka are located elsewhere from the main institution, we are based within the main University premises itself so that our students have the opportunity to mingle with fellow students from other faculties and enjoy the facilities available in the main campus. Although a young faculty our graduates have secured the top position in the common grading list (merit list) of medical graduates in Sri Lanka and our students continue to excel at the postgraduate level.



Research



Talents



IT Skills





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Faculty of Medical Sciences  
University of Sri Jayewardenepura  
Nugegoda

### *Advisory Panel*

Emeritus Prof. Sriyani Ekanayake  
(Chairperson)

Prof. Hemantha Peiris

Emeritus Prof. Geetha Fernando

Prof. Surangi G. Yasawardene

Prof. Renu Wickramasinghe

Dr. Indira Wijesiriwardene

Dr. Rasika Perera

Dr. Manori Gamage

Dr. Amaya Ellawala

(Convener)

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Mr. Wasantha Manawadu

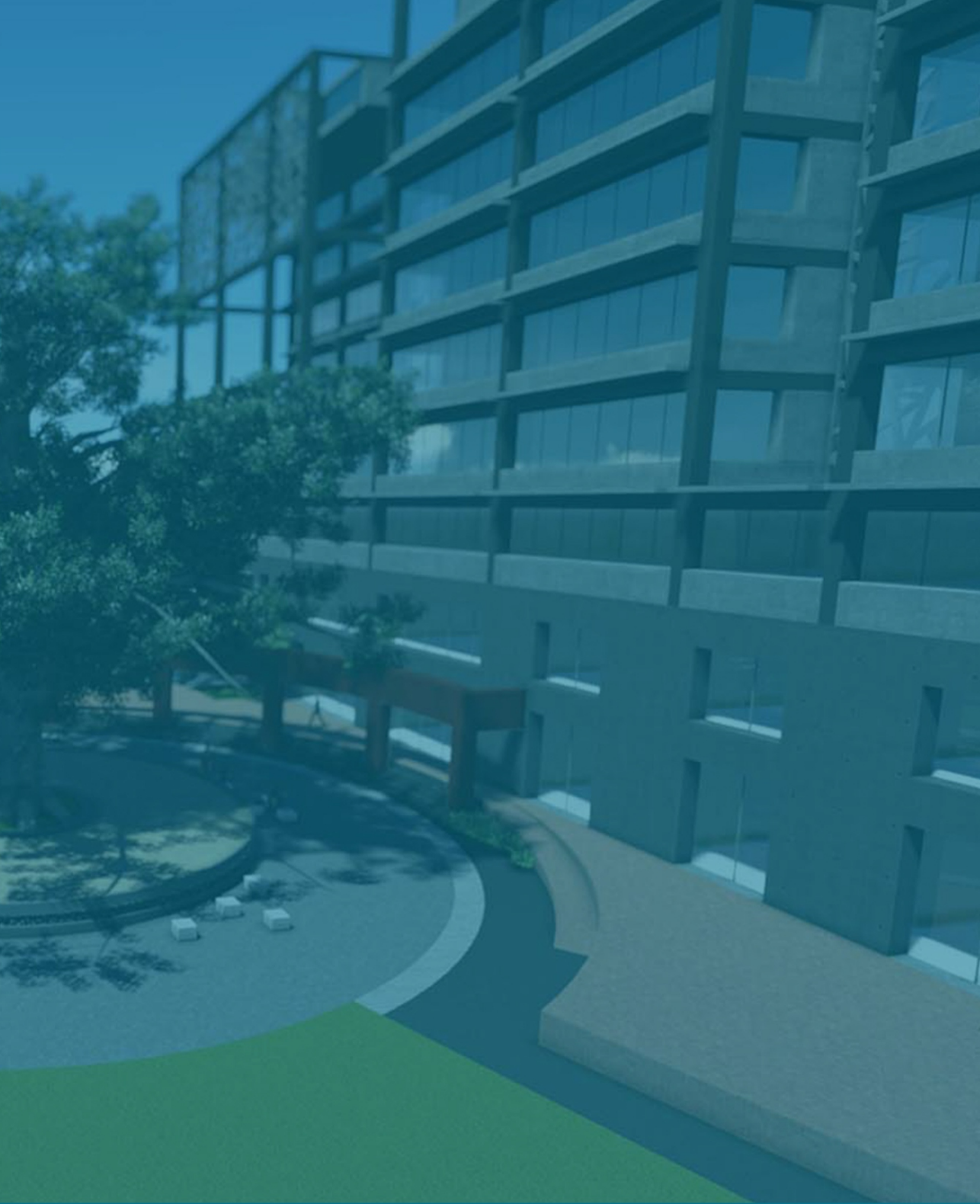
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Dr. Sujith Prashan

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## Undergraduate Prospectus

Faculty of Medical Sciences  
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