

Diploma in GIS & Remote Sensing

2024/2025 (17th intake)

DEPARTMENT OF GEOGRAPHY

UNIVERSITY OF SRI JAYEWARDENEPURA

Applications are invited from interested candidates for Diploma in Geographic Information System (GIS) and Remote Sensing (RS) offered by the Department of Geography at the University of Sri Jayewardenepura. The aim of this Diploma is to create a career path with professional qualifications in the fields of Geoinformatics, for those non-graduate employees and students.

This is unique and state of the art technology based World Class Diploma developed by a panel of local and international experts in GIS and Remote Sensing, which will be conducted by highly qualified and experienced academic staff. This will be an excellent opportunity to increase employability for the student, and obtain extensive knowledge and professional qualifications for the employees, in the fields of GIS & RS.

Lectures and practical classes are to be conducted on

Saturday: 8.00a.m To: 5.00p.m

Duration : 01 Year

Medium : English/

Course Fee : Rs. 75,000/=

The course fee has to be paid on two installments, Rs. 50,000 at the registration and the balance Rs. 25,000 within six months from registration.

Eligibility Pass the GCE Advanced Level Examination in two (02) Subjects and 2 years working experience of relevant fields **OR** Professional or any other Equivalent Qualifications accepted by the university senate **with** adequate knowledge in both Spoken and Written English.

Application form and other required information can be either downloaded from <http://www.sjp.ac.lk>, or sending an email to the course coordinator (geogis@sjp.ac.lk) or physically visit the office.

Application send us as soon as possible
(Before 20th May 2024)

For More Details: Miss. H.K. Kanchana (Course Assistant)
Mobile +94705795047; Office: +94112758753

Prof. R.M.K. Ratnayake (Coordinator)
Department of Geography
P.O. Box 6, Gongodawila, Sri Lanka
Mobile +94714439296; Office: +94112758753
Email: geogis@sjp.ac.lk

Registrar,
University of Sri Jayewardenepura



UNIVERSITY OF SRI JAYEWARDENEPURA

The University of Sri Jayewardenepura (USJ) is one of the most prestigious centers of academic and research excellence in Sri Lanka. It has housed over 12,000 students and supposed to be the largest university in Sri Lanka in terms of student population. The USJ is committed to pursuit and dissemination of knowledge through teaching, scholarship and research and active service to the community in an environment which values creativity, freedom of intellectual thought and expression, equal opportunity, fairness and professional growth.



**Department of Geography,
University of Sri Jayewardenepura**

APPLICATIONS

Applications and more details can be obtained from www.sjp.ac.lk or by sending an email / by calling the Coordinator or Co-coordinator.

INQUIRES

Prof. R. M. K. Ratnayake,
(Coordinator)
+94 (0) 714439296

Department of Geography,
Faculty of Humanities & Social Sciences,
University of Sri Jayewardenepura,
P.O. Box 6, Gangodawila, Sri Lanka.
Phone: +9411 2802028
Fax: +9411 28031926
Email: geogis@sjp.ac.lk
www.sjp.ac.lk

**DIPLOMA IN
GIS &
REMOTE SENSING**

2024 / 2025



DEPARTMENT OF GEOGRAPHY
FACULTY OF HUMANITIES & SOCIAL SCIENCES
UNIVERSITY OF SRI JAYEWARNEDENEPURA
Gangodawila, Sri Lanka
www.sjp.ac.lk

INTRODUCTION

The Department of Geography at the University of Sri Jayewardenepura presents its Diploma in Geographic Information Systems (GIS) and Remote Sensing (RS) with a view to capacity building of non-graduate employees and the A/L qualified students who wish to obtain professional qualifications in the fields of Geoinformatics.

This is an innovative and multidisciplinary diploma course which delivered by highly qualified and experienced academicist. The curriculum has been developed with the assistance of local and international panel of experts on GIS and Remote Sensing in par with similar world class programmes available anywhere in the world.

Thousands of non graduate employees in the various fields in both public and private sector agencies such as Health, Marketing, Engineering, Local Government, Transportation, Water Resources, Real Estate, Energy, Disaster Management Forestry, Surveying, Conservation, Defense & Intelligence, Facilities Management, Policy Planning, Pollution Control, Agriculture, Meteorology etc. are working in environments, where GIS technology is widely used. Moreover, recent statistics reveals that only less than 20% of the students who pass the G.C.E. (A.L) Examination are admitted to the national University system annually. A large majority of them are deprived of higher education opportunities. Hence, learning a career path in the fields of GIS, Remote Sensing, GPS and the related technologies for the benefit of non-graduate employees as well as to the A/L qualified students will be of a great opening for them to acquire professional qualifications in the Geoinformatics field.

The Department of Geography of the University of Sri Jayewardenepura – Sri Lanka has taken a conscious



Initiation to fill the above lacuna by learning a One Year Diploma Programme in GIS & Remote Sensing for the benefit of non-graduate employees and the A/L qualified students. This will be an excellent opportunity for the employees to gain professional qualifications and career development path, while enabling the students to increase their employability in the fields of GIS & RS.

FOR WHOM

Non-graduate employees and students who wish to obtain professional qualifications in the field of Geographic Information Systems and Remote Sensing.

COURSE UNITS

SEMESTER I

- DGR 113 Geographic Information Systems (GIS)
- DGR 123 Fundamentals of Remote Sensing
- DGR 132 GPS and Equivalent Technologies
- DGR 142 Database Management Systems
- DGR 151 Cartography for GIS
- DGR 161 Research Methodology & Project Management
- DGR 194 Independent Research Project on GIS Applications

SEMESTER II

- DGR 213 Advanced Technologies in GIS
- DGR 223 Applications of GIS and Remote Sensing
- DGR 231 Web GIS
- DGR 242 Geo Statistics
- DGR 253 QGIS & OSM
- DGR 295 Independent Research Project on Applications of geo-spatial technology

DURATION

One Academic year (02 Semesters)

Lectures and practical will be conducted

Saturday 8.00am- 5.00pm

COURSE FEE

Sri Lanka Rs. 75,000

ELIGIBILITY.....

Pass the GCE Advanced Level Examination in two (02) Subjects and 2 years working experience of relevant fields **OR**

Professional or any other equivalent qualifications accepted by the university senate **AND**

Sufficient knowledge in both Spoken and Written English.



APPLICATION PROCEDURE

Duly completed applications should be submitted to the Department of Geography with the following documents:

- Certified copies of academic certificates.
- Certified copies of certificates of professional qualifications.
- Evidence of proficiency in English (if any).
- Certified copy of National Identity Card or Bio Page of the National Passport.

Post/ handover your application with relevant documents to:

**PROF. R.M.K.RATNAYAKE,
COORDINATOR - DIPLOMA IN GIS & RS,
DEPARTMENT OF GEOGRAPHY,
UNIVERSITY OF SRI JAYEWARDENEPURA,
GANGODAWILA, NUGEGODA.**

IMPORTANT: Please write on the top left corner of the envelope **“DIP/GIS&RS/2024-25”**

CLOSING DATE OF APPLICATION 20th May 2024

FOR OFFICE USE

No



UNIVERSITY OF SRI JAYEWARDENEPURA

Application Form for
Diploma in Geographic Information Systems & Remote Sensing
(2024-2025) offered by the
DEPARTMENT OF GEOGRAPHY

Course Name | Diploma in GIS & Remote Sensing (2024-2025)

PART A – PERSONAL INFORMATION

Name in Full (Use block capitals) grid with Last Name and Other Name/s columns

Name with initial grid

Address for Communication grid

Permanent Address (If different from above) grid

Official Address (If, employed) grid

Employment Position field

E-Mail Address field

Telephone grid with Home, Office, and Mobile rows

Married/Single grid

Sex M/F grid

Date of Birth grid with Date, Month, and Year columns

NIC No. and Age (Y/M/D) grid

PART B – EDUCATIONAL QUALIFICATIONS

1. EDUCATIONAL QUALIFICATIONS *(Attach Copies of Certificates)*

GCE (A/L) YEAR:	
Subjects	Grade
1.	
2.	
3.	
4.	

2. OTHER QUALIFICATIONS *(Attach Copies of Certificates)*

Institution	Course Duration	Field of Study/ Training	Qualification
1.			
2.			
3.			

3. WORK EXPERIENCE

Organization	From	To	Position	Nature of Work
1.				
2.				
3.				
4.				

4. SELF ASSESSMENT OF PROFICIENCY IN ENGLISH

	Very good	Good	Fair	Weak
Reading				
Writing				
Conversation				

5. FINANCIAL ASSISTANCE

	Self-Funded	Sponsored	Grant	Other (Specify)
How do you plan to finance your Diploma Course?				
If sponsored – by whom?				
If Grant, give Grant name, total amount				
If other - indicate				

6. BRIEFLY DESCRIBE YOUR REASONS FOR WISHING TO ENROLL IN THE PROGRAM *(Include your personal/ career interests)*

07. GIVE NAMES AND CONTACT DETAILS OF REFEREES

1.	2.
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I certify that the above information is true and correct. I understand that misrepresentation in the application will cause the rejection of application or revoking acceptance for admission at any stage.

Date.....

.....
Signature of Applicant

Mail this application with relevant documents to:

**Prof. R.M.K.Ratnayake,
Coordinator - Diploma in GIS & RS
Department of Geography,
University of Sri Jayewardenepura
Gangodawila, Nugegoda.**

Telephone No: +94 112802028 , +94 112758753

Please write on the top left corner of the envelope "DIP/GIS&RS/2024/25"