

Course Name: Fundamentals of Photogrammetry & Remote Sensing

Course Code: GIS-502/ DGIS-502/ CGIS-502

Unit Schedule

Block 1: Introduction to Remote Sensing

Unit 1: Definition, scope and evolution of Remote Sensing

- 1.1 Objectives
- 1.2 Introduction
- 1.3 Definition, scope and evolution of Remote Sensing
- 1.4 Summary
- 1.5 Glossary
- 1.6 Answer to check your progress
- 1.7 References
- 1.8 Terminal Questions

Unit 2: Electromagnetic Radiation (EMR) and atmospheric Windows

- 2.1 Objectives
- 2.2 Introduction
- 2.3 Electromagnetic Radiation (EMR) and atmospheric Windows
- 2.4 Summary
- 2.5 Glossary
- 2.6 Answer to check your progress
- 2.7 References
- 2.8 Terminal Questions

Unit 3: Platforms and Sensors

- 3.1 Objectives
- 3.2 Introduction
- 3.3 Platforms and Sensors
- 3.4 Summary
- 3.5 Glossary
- 3.6 Answer to check your progress
- 3.7 References
- 3.8 Terminal Questions

Block 2: Aerial Photography

Unit 4: Aerial Photograph

- 4.1 Objectives
- 4.2 Introduction
- 4.3 Aerial Photograph
- 4.4 Summary
- 4.5 Glossary
- 4.6 Answer to check your progress
- 4.7 References
- 4.8 Terminal Questions

Unit 5: Stereoscopic area Photograph

- 5.1 Objectives
- 5.2 Introduction
- 5.3 Stereoscopic area Photograph
- 5.4 Summary
- 5.5 Glossary
- 5.6 Answer to check your progress
- 5.7 References
- 5.8 Terminal Questions

Unit 6: Relief Displacement in Aerial Photograph

- 6.1 Objectives
- 6.2 Introduction
- 6.3 Relief Displacement in Aerial Photograph
- 6.4 Summary
- 6.5 Glossary
- 6.6 Answer to check your progress
- 6.7 References
- 6.8 Terminal Questions

Block 3: Introduction to Image Interpretation

Unit 7: Concept of Photography

- 7.1 Objectives
- 7.2 Introduction
- 7.3 Concept of Photography
- 7.4 Summary
- 7.5 Glossary
- 7.6 Answer to check your progress
- 7.7 References

7.8 Terminal Questions

Unit 8: Sensor Resolutions

8.1 Objectives

8.2 Introduction

8.3 Sensor Resolutions

8.4 Summary

8.5 Glossary

8.6 Answer to check your progress

8.7 References

8.8 Terminal Questions

Unit 9: Elements of Image Interpretation

9.1 Objectives

9.2 Introduction

9.3 Elements of Image Interpretation

9.4 Summary

9.5 Glossary

9.6 Answer to check your progress

9.7 References

9.8 Terminal Questions