

**2018**

**M.Sc.**

**2nd Semester Examination**

**REMOTE SENSING AND GIS**

**PAPER—RSG-206**

**Subject Code—34**

**(PRACTICAL)**

*Full Marks : 25*

*Time : 4 Hours*

*The figures in the right-hand margin indicate full marks.*

*Candidates are required to give their answers in their own words as far as practicable.*

*Illustrate the answers wherever necessary.*

**(Advanced Remote Sensing : Data Processing and Applications)**

**Answer all questions.**

- 1. Extract endmembers of water body and vegetation using the given PPI image and hyperspectral dataset. Classify the given image using a suitable image classifier. 5+5**

*(Turn Over)*

2. Suppress the 'speckle Noise' of given ERS-SAR Image with proper filter and classify the image into dry soil, wet soil water body and settlement. 10
  3. Laboratory Note Book and Viva-Voce. 5
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