

**Two days Workshop on
Digital Image Processing with R programming
Department of Information Technology**

Course content

1. Introduction to R
 - Basics in R- Data Types, Variables, Operators, Loops, Functions, Vectors, List, Arrays, Matrices, Factors, Data Frames, Packages.
 - R Interfaces- CSV Files, Excel Files.
 - Data Visualization in R- R charts and Graphs

2. Image processing
 - Read and display image
 - Image enhancement: Different point processing operations
 - Image filtering: Low pass filter, High pass filter
 - Image Segmentation

Teaching faculty:

Prof. Seema S. Redekar

Prof. Stuti N. Ahuja

Date: 04-08-17 (Second Half)

05-08-17 (Full day)

Cost: Free