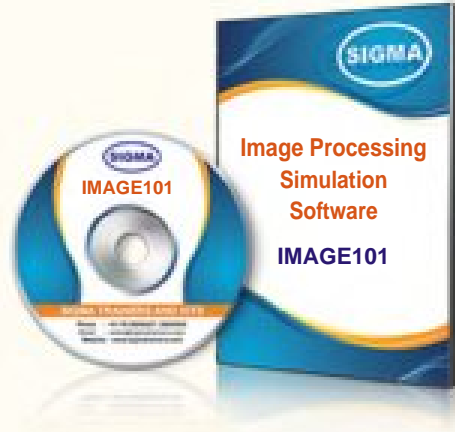




IMAGE PROCESSING SIMULATION SOFTWARE TRAINER

MODEL - IMG101

This Software trainer provides Simulation of Image Processing and Machine Vision in MATLAB.



FEATURES

1. Study of the detailed theory of Image Processing and Machine Vision used in Mobile Communication.
2. Simulation of Image Processing in MATLAB.

Note: - Matlab Software Version 7 or greater is required to this simulations.

SPECIFICATIONS

1. Image Processing Simulation Software
2. Matlab Simulation .m files : more than 50 Files
3. Books for Image Processing : 10 Nos in pdf Format
4. Mp4 Video Class for Image Processing : 40 Classes in Mp4 on DVD / Pen Drive

EXPERIMENTS

1. Study of BMP file format & conversion of 24 bit colour image 8 bit image.
2. Study of statistical properties- Mean, Standard deviation, Variance & histogram plotting.
3. Histogram equalization & Modification.
4. Gray level transformation.
5. Spatial domain filtering –Smoothing & sharpening filters.
6. DCT/IDCT of given image.
7. Edge detection using Sobel, Roberts operators.
8. Morphological operations –Erosion, Dilation, Opening, Closing.
9. Pseudo Coloring
10. Creating noisy image & filtering

Sigma Trainers and Kits
E-113, Jai Ambe Nagar,
Near Udgam School,
Thaltej,
AHMEDABAD - 380054.
INDIA.

Phone(O): +91-79-26852427/ 26850829
Phone(F): +91-79-26767512/ 26767648
Fax : +91-79-26840290/ 26840290
Mobile : +91-9824001168
Email : sales@sigmatrainers.com
: sigmatrainers@sify.com
Web : www.sigmatrainers.com

Dealer:-