DIP Project 2013:

1. Extracting Buildings using pixel classification
2. IMAGE STITCHING
3. Image Restoration: Recovery of Image Details from Saturated Images
4. Deblurring in HDR Image Reconstruction
5. Automatic Generation of Action Sequence Images
6. Pulse Monitoring Using a Camera
7. Determining Sequence Of Musical Notes From A Piano Playthrough Stream
8. Object Segmentation Using Hand gestures
9. VIRTUAL DRAWING PAD
10. Steganography in MPEG Video Files using MACROBLOCKS
11. HAND WRITTEN DOCUMENT ANALYSIS
12. DATA ENCRYPTION IN IMAGES
13. Restoration of Images Using Inpainting
14. Automatic Face Detection Using Color Based Segmentation and Template/Energy Thresholding.
15. LICENCE PLATE DETECTION
16. Single Image Haze Removal Using Dark Channel Prior
17. Vehicle Transit Logging Using Number Plate Recognition For Logging Vehicle Movement at IIIT Main Gate
18. Motion detection and scoring in Carrom
19. Automatic Passport Photo Editing Tool

DIP Projects 2012:

1. Mudra (dance) identification Chess movement tracking
2. Obtaining sequence of notes from guitar play-through Comparison of texture segmentation algorithms Sub-pixel based image processing
3. Motion deblurring
4. Sparse representation for restoration
5. Text segmentation from handwritten documents Neutrosophy and its applications to image processing Geometric approach for contour extraction
6. Traffic congestion analysis Forgery detection Biometric Steganography
7. Random walker algorithm and its applications Video coding based on saliency
8. Seam carving
9. Counting people in complex indoor scenes

DIP Projects 2011:

1. Uniform Motion Blur in Poissonian Noise: Blur/Noise Tradeoff Multiscale Segmentation of Natural Scene Images
2. Person Identification through palm print recognition Cloud detection and replacement
3. Text detection from natural scenes
4. Real Time Hand Tracking and Gesture Recognition Blood vessel detection from retinal images Shadow Inpaiting

5. Lip detection and tracking
6. Object detection by shape band approach Human motion detection and tracking License Plate Localisation
7. Implementation and Comparative Study of Centroidal Voronoi Tessellation-Image Segmentation Algorithms
8. Stenography of a Speech Signal into an Image Hand Shadow
9. Restoration of Digitized Manuscripts Recognising shapes by Skeletal Similarity

DIP projects 2010:
1. DCT-SVD based watermarking
2. Fingerprint matching using phase only correlation Single Image Haze Removal using dark channel prior Object Removal by Exemplar based inpainting Structural Features for CBIR
3. Novel Image Filtering Algorithm in image enhancement
4. Face detection using color segmentation & template matching/Thresholding Digital Stagenography
5. Tone mapping of HDR images to LDR Efficient Graph based image segmentation
6. Rectifying bound document images taken from camera Fingerprint enhancement
7. Image fusion for content enhancement in video surrealism Panoramic Image mosaicing
8. Tricolor attenuation model for shadow removal
9. Face detection using skin color detection & template matching Lip movement tracking in videos
10. Active contour models : Snakes
11. Image Compression using Haar Wavelets Fingerprint Recognition
12. Fingerprint Enhancement Content-aware Image Resizing Fast Texture Synthesis using TSVQ
13. Image Fusion using wavelet transform
14. Summarizing Visual data using bi-directional similarity Mini image editor
15. Comparision of JPEG and JPEG-2000 compression algorithms
16. Various Edge Detection Techniques for Face Recognition: A Comparative Study Order Independent Texture Synthesis : Wei and Levoy.