

List of Tables

Table 2.1 General observation of mappings between the various CE images and features	15
Table 2.2 Confusion matrix to measure the performance of the classifiers.....	17
Table 2.3: Comparison of various works on video summarization and redundant image elimination	21
Table 2.4: Comparison of related work in the computer-aided abnormality detection	31
Table 2.5: Comparison of related work	38
Table 3.1: Summary of the prior art.....	43
Table 3.2 Performance comparison of Entropy at different variance level of noise	51
Table 3.3 Performance comparison of MSE at different variance level of noise	52
Table 3.4 Performance comparison of PSNR at different variance level of noise	52
Table 3.5 Performance comparison of SSIM at different variance level of noise	53
Table 3.6 Performance comparison of MSSIM at different variance level of noise	53
Table 3.7 Performance comparison of EPI.....	54
Table 3.8: Comparative analysis of CAD system with and without restoration.....	55
Table 4.1 Quantitative performance evaluation of segmentation techniques	66
Table 4.2: Comparative analysis of the proposed system on different classifiers	70
Table 5.1: Summary of prior art on ulcer detection.....	74
Table 5.2: A comparative analysis of proposed feature selection with other methods.....	81
Table 5.3: A comparative analysis of the proposed system with other systems and classifiers	81
Table 6.1: Comparative analysis of the system with other approaches	95
Table 6.2: Comparison of evaluation time between different approaches.....	96