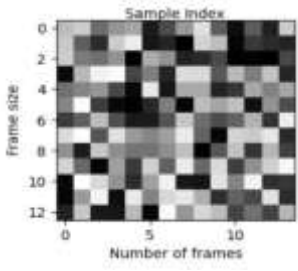
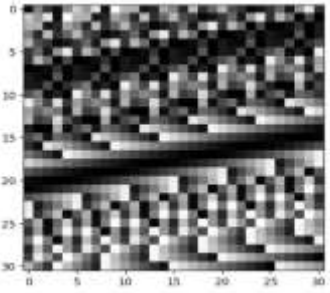


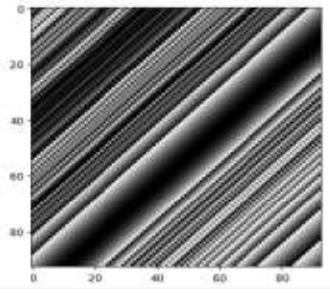
Sliding Window Technique - Image (x, y, z)

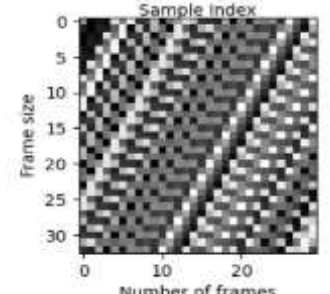
x - Number of frame, y - Frame size

z - Step size for the window sliding

S. No	Image	Feature Extraction	Model	Accuracy	Wt. Precision	Wt. F1 score	Wt. Recall score
1	Basic Image (13*14) 	No feature extraction	Random Forest	83.97	84.18	82.27	83.97
			Logistic Regression	80.07	79.02	79.21	80.07
			Ridge Classifier	80.1	78.88	78.81	80.1
		Gabour Filters	Random Forest	73.59	73.17	71.54	75.81
			Logistic Regression	74.46	70.71	68.58	74.46
			Ridge Classifier	77.16	75.11	74.64	77.16
		LBP	Random Forest	84.13	84.45	82.41	84.13
			Logistic Regression	79.94	78.97	79.21	79.94
			Ridge Classifier	81.84	81	81.11	81.84
		Harlick method	Random Forest	78.84	77.31	76.9	78.84
			Logistic Regression	75.68	73.05	70.9	75.68
			Ridge Classifier	79.04	77.73	76.51	79.04
		SFTA method	Random Forest	72.88	68.48	68.72	72.88
			Logistic Regression	74.1	69.87	67.08	74.1
			Ridge Classifier	73.89	69.41	65.52	73.89

2	Image_5 (31 * 31) Window Estimation (31, 31, 5) 	No feature extraction	Random Forest	84.2	84.07	82.78	84.2
			Logistic Regression	79.41	78.18	78.35	79.41
			Ridge Classifier	79.55	78.2	78.06	79.55
		Gabour Filters	Random Forest	75.84	73.2	72.68	75.84
			Logistic Regression	74.62	71.03	69.53	74.62
			Ridge Classifier	76.98	74.87	74.52	76.98
		LBP	Random Forest	84.43	84.45	82.41	84.13
			Logistic Regression	79.94	78.97	79.21	79.94
			Ridge Classifier	81.84	81	81.11	81.84
		Harlick method	Random Forest	79.12	77.31	76.9	78.84
			Logistic Regression	75.68	73.05	70.9	75.68
			Ridge Classifier	79.04	77.73	76.51	79.04
		SFTA method	Random Forest	72.88	68.48	68.72	72.88
			Logistic Regression	74.1	69.87	67.08	74.1
			Ridge Classifier	73.89	69.41	65.52	73.89

3	Image_1 (93 * 93) Window Estimation (93, 93, 1) 	No feature extraction	Random Forest	84.04	83.92	82.57	84.04
			Logistic Regression	80.07	78.94	79.06	80.07
			Ridge Classifier	80.14	78.92	78.78	80.14
		Gabour Filters	Random Forest	73.42	72.85	71.45	75.77
			Logistic Regression	72.16	72.14	70.23	74.84
			Ridge Classifier	75.39	74.53	73.15	75.72
		LBP	Random Forest	83.52	83.38	81.75	83.44
			Logistic Regression	81.17	80.53	80.75	81.17
			Ridge Classifier	80.51	79.97	80.18	80.51
		Harlick method	Random Forest	80.24	79.11	78.93	80.3
			Logistic Regression	76.04	73.48	72.81	76.04
			Ridge Classifier	80.21	79	78.82	80.21

4	Image (33 * 30) Energy Window Estimation 	No feature extraction	Random Forest	76.16	74.89	70.34	76.16
			Logistic Regression	75.03	71.98	69.35	75.03
			Ridge Classifier	75.08	72.24	69.04	75.08
		Gabour Filters	Random Forest	73.89	69.6	68.6	73.89
			Logistic Regression	73.57	68.64	67.34	73.57
			Ridge Classifier	75.01	71.77	70.36	75.01
		LBP	Random Forest	75.77	76.01	68.53	75.77
			Logistic Regression	75.22	72.24	71.76	75.22
			Ridge Classifier	76.36	74	72.65	76.36
		Harlick method	Random Forest	74.69	71.18	69.24	74.69
			Logistic Regression	73.34	67.03	64.83	73.34
			Ridge Classifier	74.78	72.05	67.7	74.78

5	Image_2 (62, 62, 2)	LBP	Random Forest	83.92	83.65	82.44	83.88
		Harlick	Random Forest	80.64	79.25	78.99	80.42
6	Image_3 (48, 46, 3)	LBP	Random Forest	84.34	84.08	82.68	84.15
		Harlick	Random Forest	80.27	78.95	78.25	80.12
7	Image_4 (38, 37, 4)	LBP	Random Forest	84.28	84.07	82.42	84.01
		Harlick	Random Forest	79.46	77.66	77.19	79.11
8	Image_6 (26, 26, 6)	LBP	Random Forest	84.07	83.93	82.11	83.81
		Harlick	Random Forest	79.63	77.99	77.74	79.39

