INDEX

CHAPT	ER-I INTRODUCTION	1 – 8	
1.1	Scope of the proposed study	3	
1.2	Review of work already done on the subject	3	
1.3	Research gaps identified in the proposed field of the Research	5	
1.4	Objective of the proposed study	5	
1.5	Research Methodology & Detailed research plan	6	
1.6	Chapter Scheme	7	
CHAPTER- II REVIEW OF LITERATURE		9 - 19	
СНАРТ	ER-III FORENSIC PHOTOGRAPHY	20 – 39	
3.1	The history of forensic photography	22	
3.2	Information Fusion in Image Forensics	36	
3.3	Foundations of Fuzzy Theory	37	
СНАРТ	ER- IV JOURNEY OF OBJECT DETECTION	40 – 55	
CHAPT	ER- V EXPERIMENTAL SETUP AND EVALUATION	56 - 63	
5.1	Advantages of Google Colab for Experimentation	56	
5.2	Dataset Preparation	56	
5.3	People Classes	59	
5.4	Evaluation Metrics	62	
CHAPTER- VI RESULTS AND DISCUSSION		64 - 106	
6.1	YOLOV5 RESULTS	64	
6.2	YOLOV7 RESULTS	72	
6.3	YOLOV8 RESULTS	79	
6.4	COMPARATIVE ANALYSIS OF YOLOV5, YOLOV7 AND	86	
	YOLOV8 RESULTS		
CHAPT	ER- VII CONCLUSION AND FUTURE WORK	107 – 111	
7.1	Summary of Findings	107	
7.2	Contributions and Implications of the Study	109	
7.3	Future Research Directions in YOLO	110	
7.4	Concluding Remarks	111	
BIBLOGRAPHY 112 - 127			
PUBLIC	PUBLICATIONS		
CERTIFICATES			