

INDEX

NAME ADVIKA AWASTHI [RA2311047010007] SUBJECT Deep Learning Techniques
 STD. AI - A Section DIV. _____ ROLL NO. _____ SCHOOL _____

SIL NO.	PAGE NO.	TITLE	DATE	TEACHER'S SIGN / REMARKS
1.		Exp1 Exploring Deep Learning Platform		exp1
2.		Exp2 Implement classifier using open-source dataset		exp2
3.		Exp3 Study of classifiers with respect to statistical parameters		exp3
4.		Exp4 Build a simple feed-forward neural network to recognize handwritten characters		exp4
5.		Exp5 Study of activation function and their role		exp5
6.		Exp6 Implement gradient descent and backpropagation in neural networks		exp6
7.		Exp7 Build CNN for classification of dog and cat images		exp7
8.		Exp8 Build an RNN	20/9/23	exp8
9.		Exp9 Experiment using LSTM		exp9
10.		Exp10 Perform compression on MNIST dataset using autoencoders		exp10
11.		Exp11 Experiments with variational autoencoders		exp11
12.		Exp12 Implement a Deep Convolutional GAN to generate complex colour image		exp12
13.		Exp13 Understanding the Architecture of a pre-trained Model		exp13
14.		Exp14 Implement a pre-trained CNN model		exp14
15.		Exp15 Use a feature extraction using transfer learning		exp15
16.		Exp16 Implement a YOLO Model Detect Objects		exp16
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				
31.				
32.				
33.				
34.				
35.				
36.				
37.				
38.				
39.				
40.				
41.				
42.				
43.				
44.				
45.				
46.				
47.				
48.				
49.				
50.				
51.				
52.				
53.				
54.				
55.				
56.				
57.				
58.				
59.				
60.				
61.				
62.				
63.				
64.				
65.				
66.				
67.				
68.				
69.				
70.				
71.				
72.				
73.				
74.				
75.				
76.				
77.				
78.				
79.				
80.				
81.				
82.				
83.				
84.				
85.				
86.				
87.				
88.				
89.				
90.				
91.				
92.				
93.				
94.				
95.				
96.				
97.				
98.				
99.				
100.				