# INDEX

| Sr No. | PRACTICAL NAME | DATE | SIGN |
|:---:|:---|:---:|:---:|
| 1 | Implement the Following:<br>  **A.** Design a simple linear neural network.<br>  **B.** Calculate the output of neural network using both binary and bipolar. | 19-08-2023 | |
| 2 | Implement the following:<br>  **A.** Generate AND/NOT function using McCulloch-Pitts neural net.<br>  **B.** Generate XOR function using McCulloch-Pitts neural net. | 02-09-2023 | |
| 3 | Implement the Following:<br>  **A.** Write a program to implement Hebb's rule.<br>  **B.** Write a program to implement of delta rule. | 09-09-2023 | |
| 4 | Implement the Following:<br>  **A.** Write a python Program for back propagation algorithm.<br>  **B.** Write a python Program for error back propagation algorithm. | 09-09-2023 | |
| 5 | Implement the Following:<br>  **A.** Write a program for Hopfield Network.<br>  **B.** Write a program for Radial Basis function. | 30-10-2023 | |
| 6 | Implement the Following:<br>  **A.** Kohonen Self organzing map<br>  **B.** Adaptive resonance theory | 07-10-2023 | |
| 7 | Implement the Following:<br>  **A.** Write a program for Linear separation. | 14-10-2023 | |
| 8 | Implement the Following:<br>  **A.** Membership and Identity Operators \| in, not in,<br>  **B.** Membership and Identity Operatorsis, is not | 21-10-2023 | |
| 9 | Implement the Following:<br>  **A.** Find ratios using fuzzy logic<br>  **B.** Solve Tipping problem using fuzzy logic | 14-10-2023 | |
| 10 | Implement the Following:<br>  **A.** Implementation of Simple genetic algorithm<br>  **B.** Create two classes: City and Fitness using Genetic algorithm | 21-10-203 | |