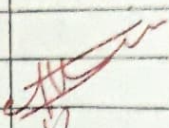
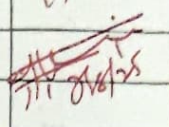
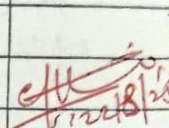
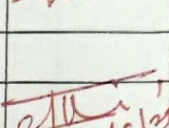
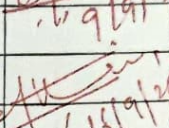
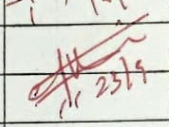
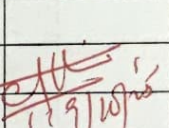
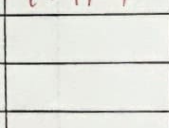
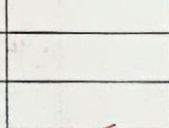
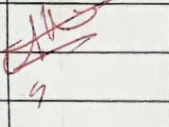
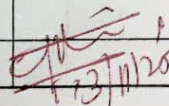


# INDEX

NAME: R V Advait STD.: \_\_\_\_\_ SEC.: \_\_\_\_\_ ROLL NO.: R02311047010009 SUB.: Deep learning lab record

| S. No. | Date       | Title  | Page No. | Teacher's Sign / Remarks  |
|--------|------------|--|----------|---|
| 1      | 31-07-2025 | Exploring the deep learning techniques.  | 3-4      |    |
| 2      | 07-08-2025 | Implement a classifier using open source dataset                                 | 5        |    |
| 3      | 07-08-2025 | Study of the classifier with respect to structured prompt                        | }        |    |
| 4      | 14-08-2025 | Feed forward Neural Network for MNIST handwritten character recognition.         |          |    |
| 5      | 22-08-25   | Study of different Activation Functions and its Role.                            |          |   |
| 6      | 9-09-25    | Implement backpropagation and gradient descent                                   |          |  |
| 7      | 16-09-25   | Build a CNN model to detect cat and dog image.                                   |          |  |
| 8      | 9-10-25    | Experiment with LSTM   | }        |  |
| 9      | 19-10-25   | Build a recurrent Neural Network   |          |  |
| 10     | 17-10-25   | Perform Comparison on MNIST Dataset using autoencoders                           |          |   |
| 11     | 17-10-25   | Experiment with Variational Autoencoders   | }        |  |
| 12     | 27-10-25   | Implement a Deep Unsupervised GAN to generate complex logos.                     |          |   |
| 13     | 27-10-25   | Understand the Architecture of Pre-trained Model                                 |          |   |
| 14     | 03-11-25   | Implement a Pre-trained CNN model as a Feature Extractor using transfer learning |          |   |
| 15     | 03-11-25   | Implement a YOLO Model to Detect Objects.  |          |   |

Completed  13/11/25