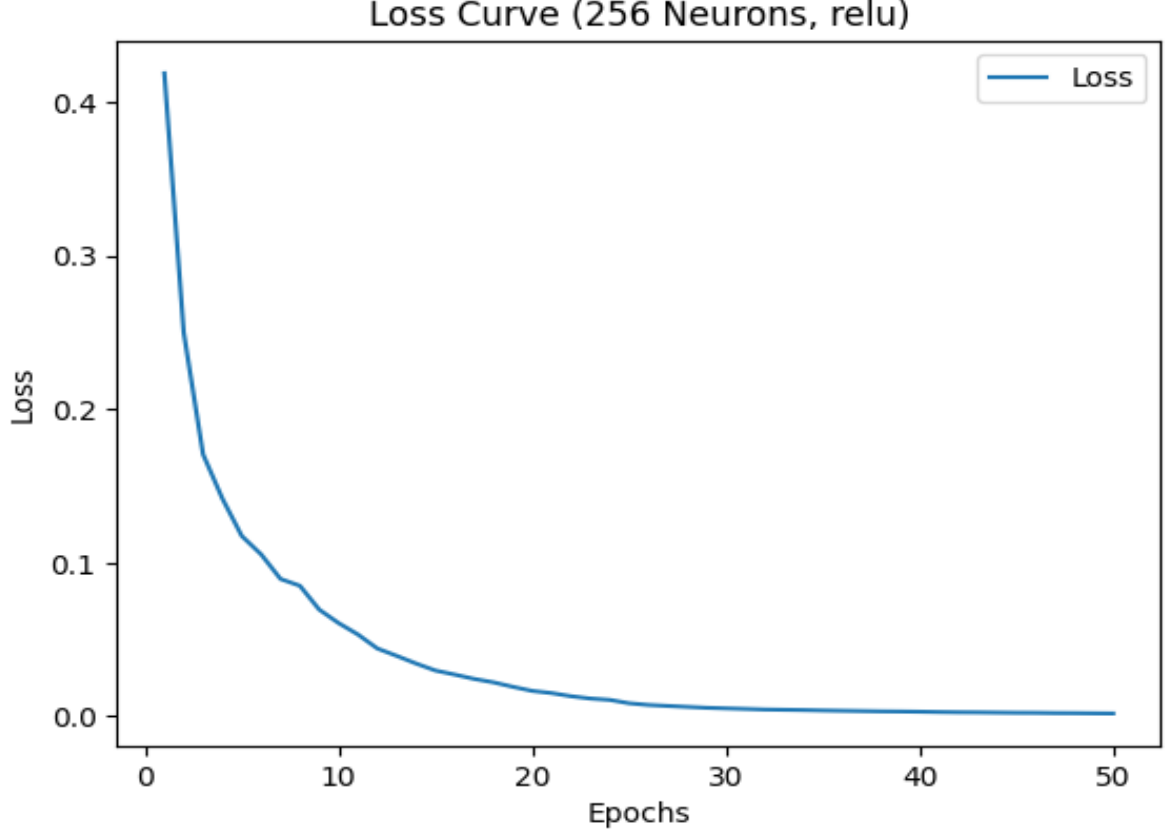
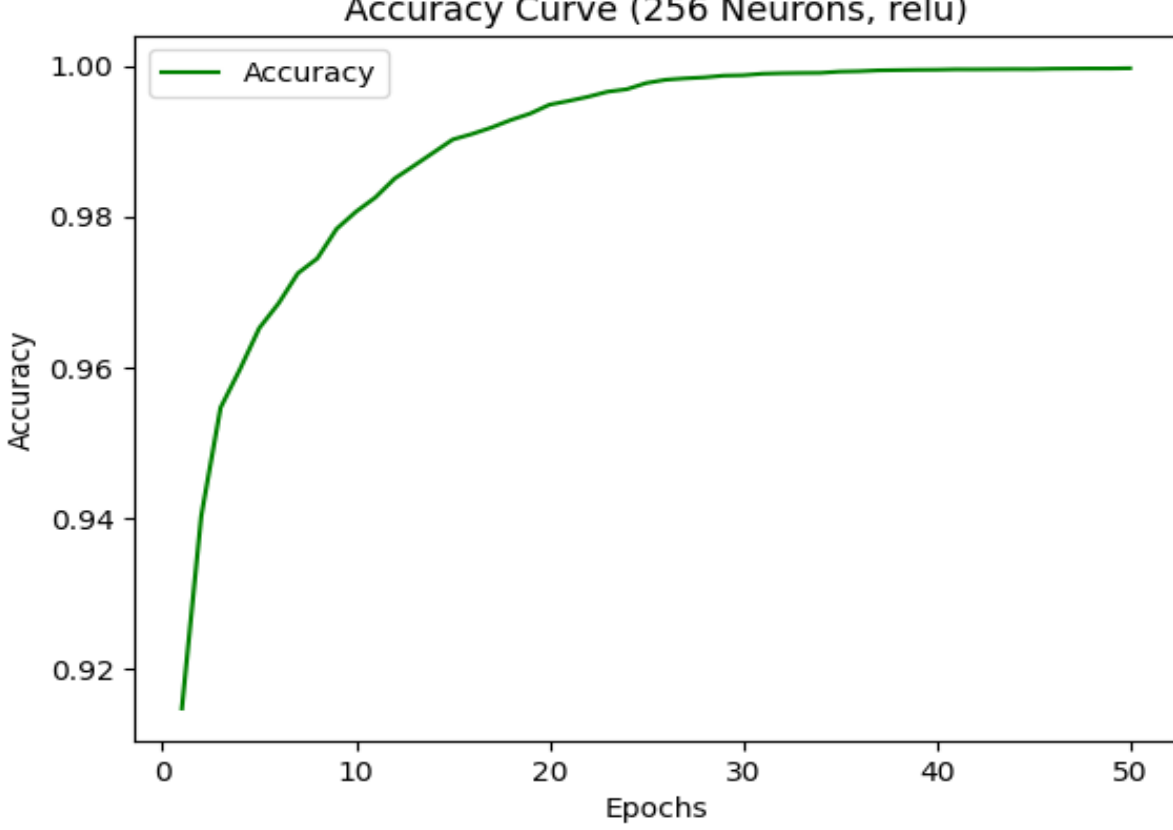
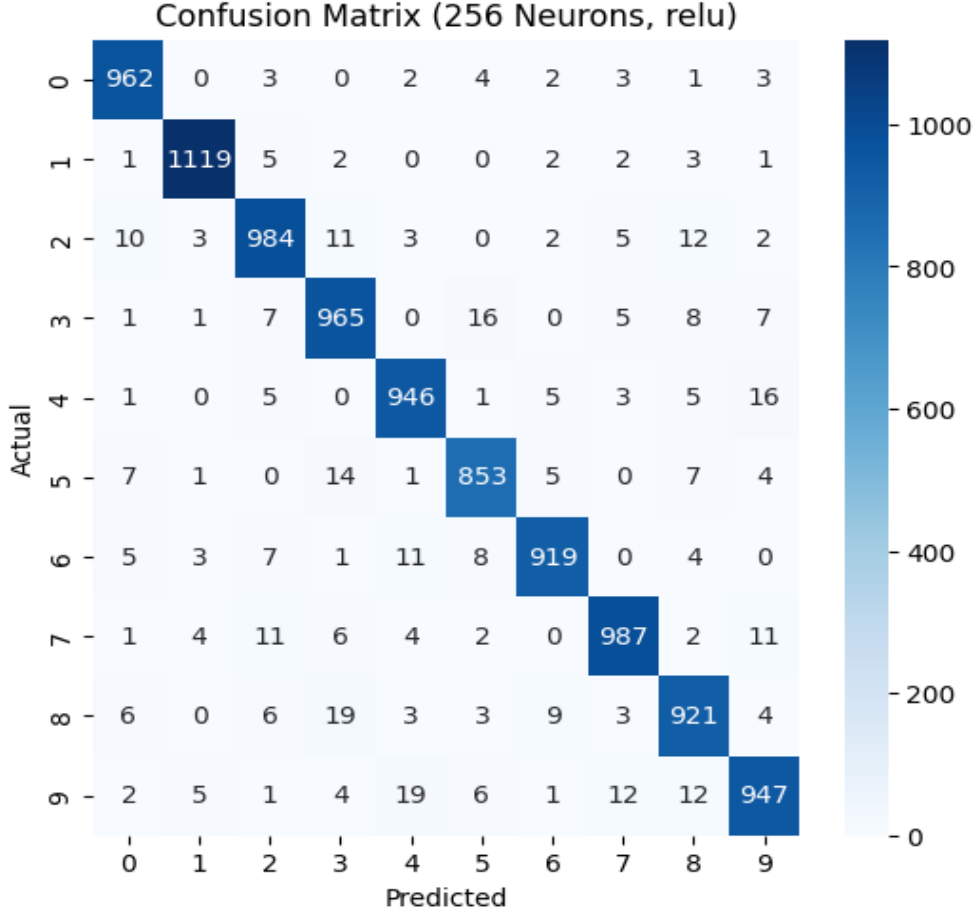
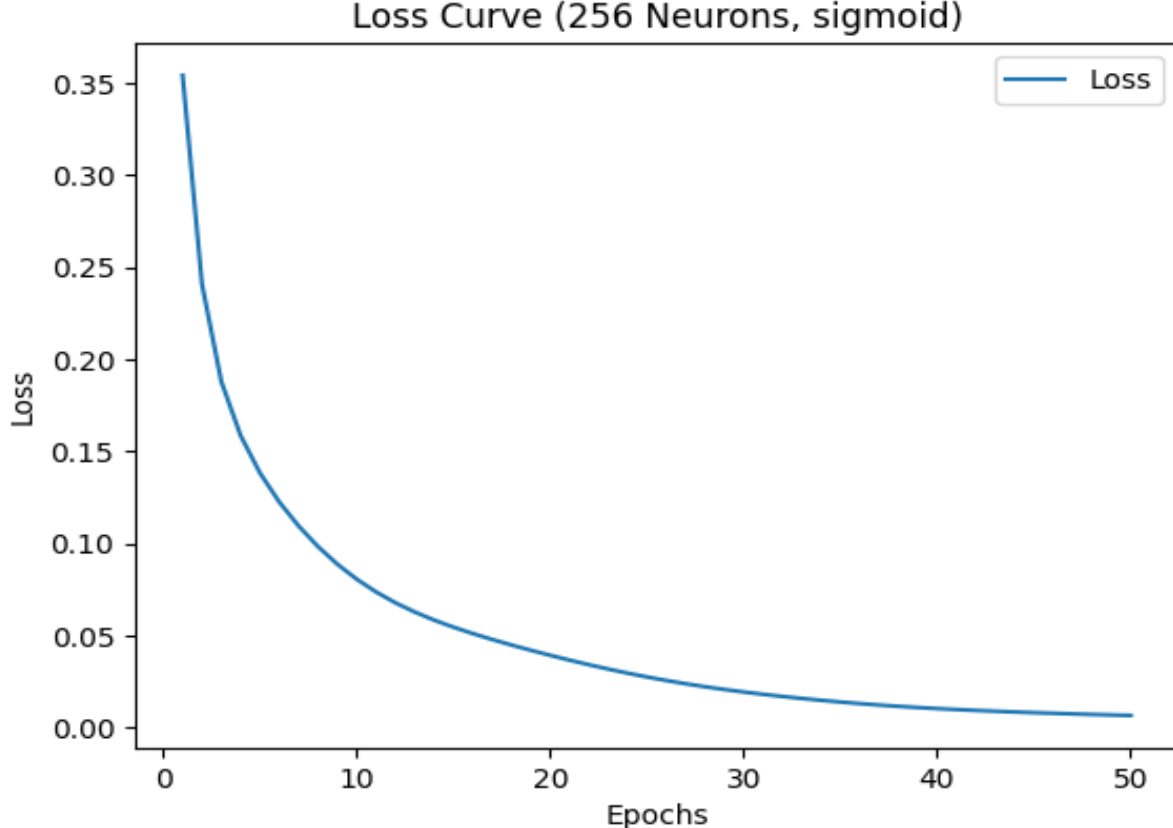
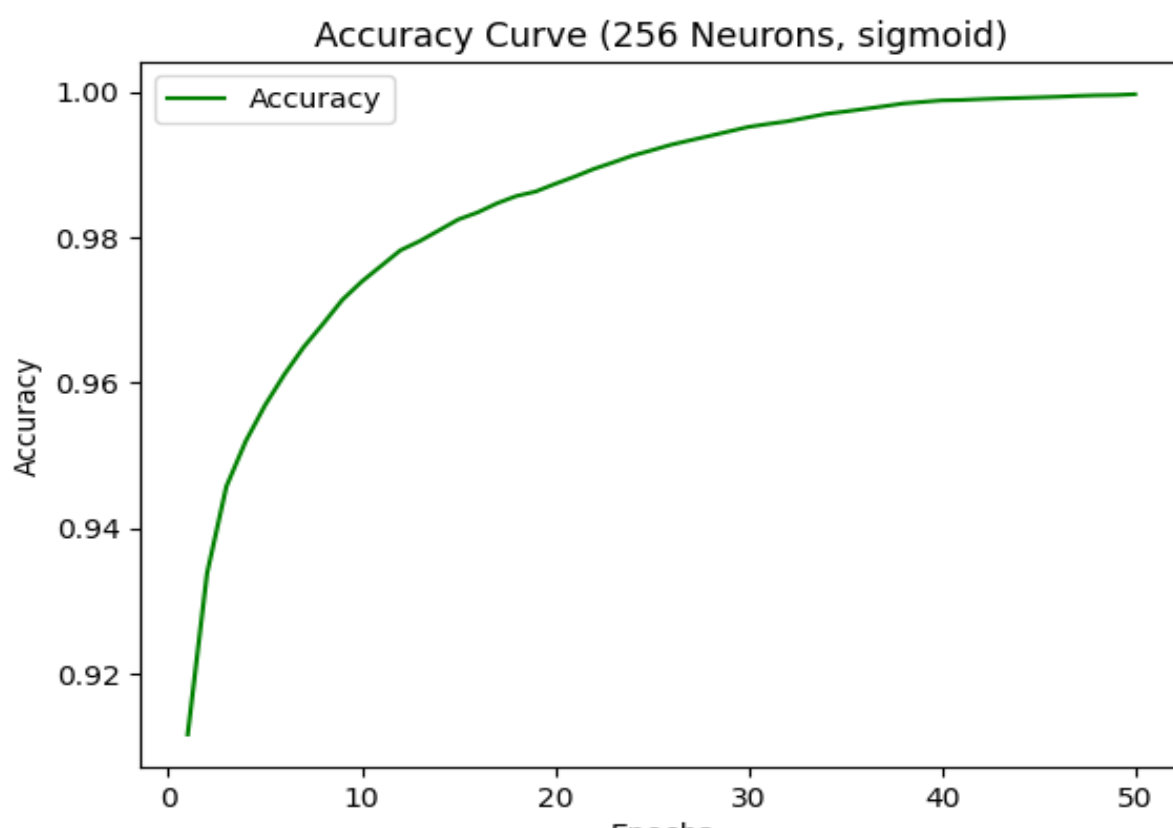
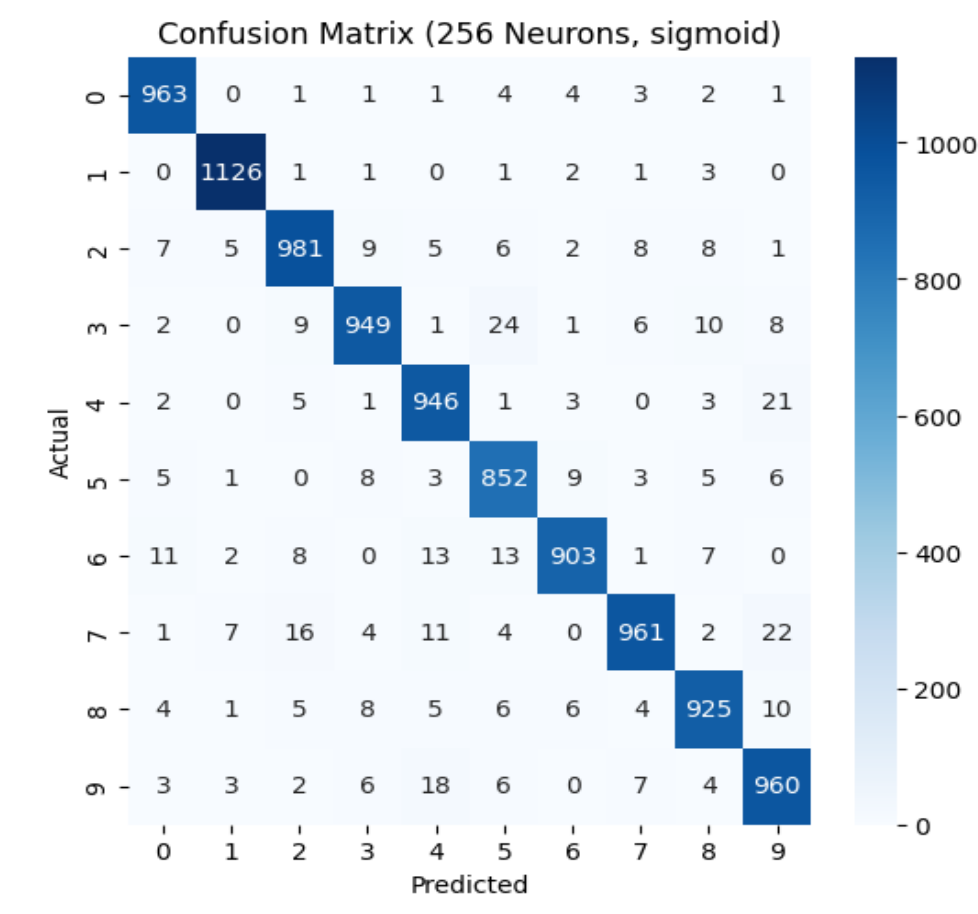
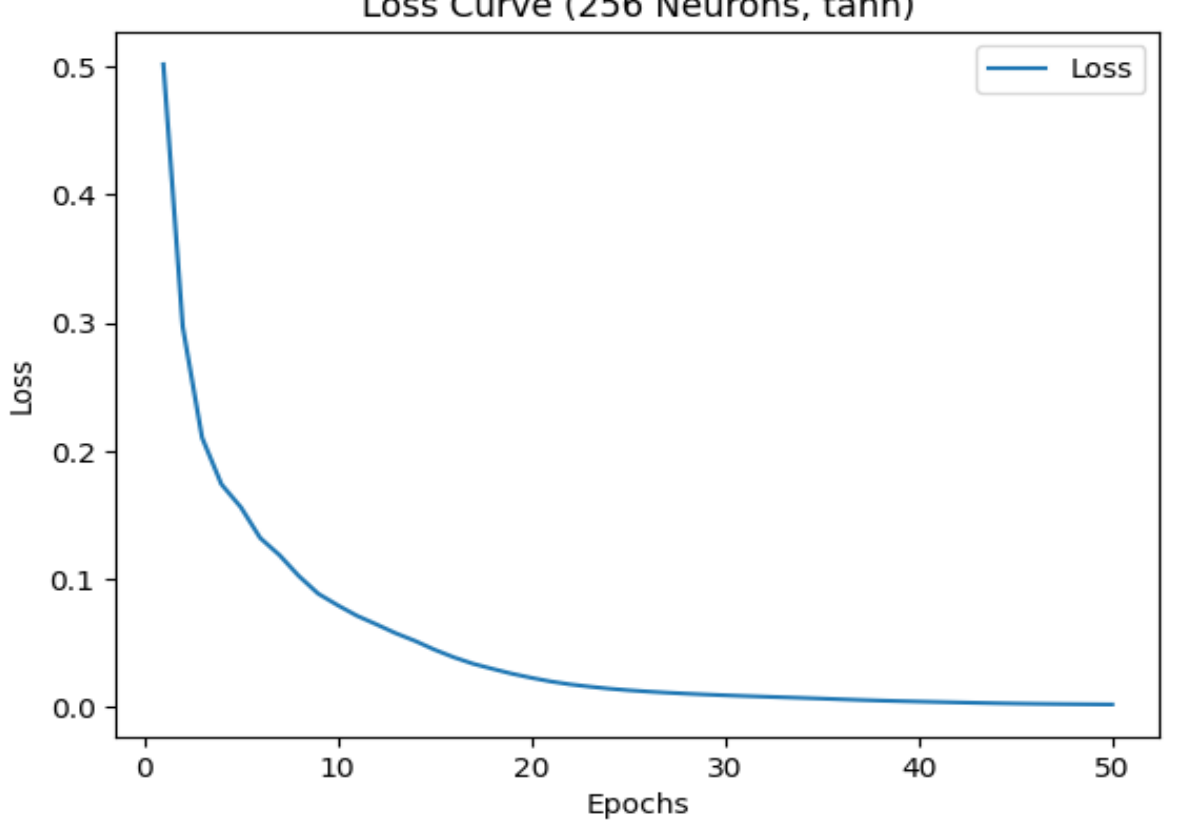
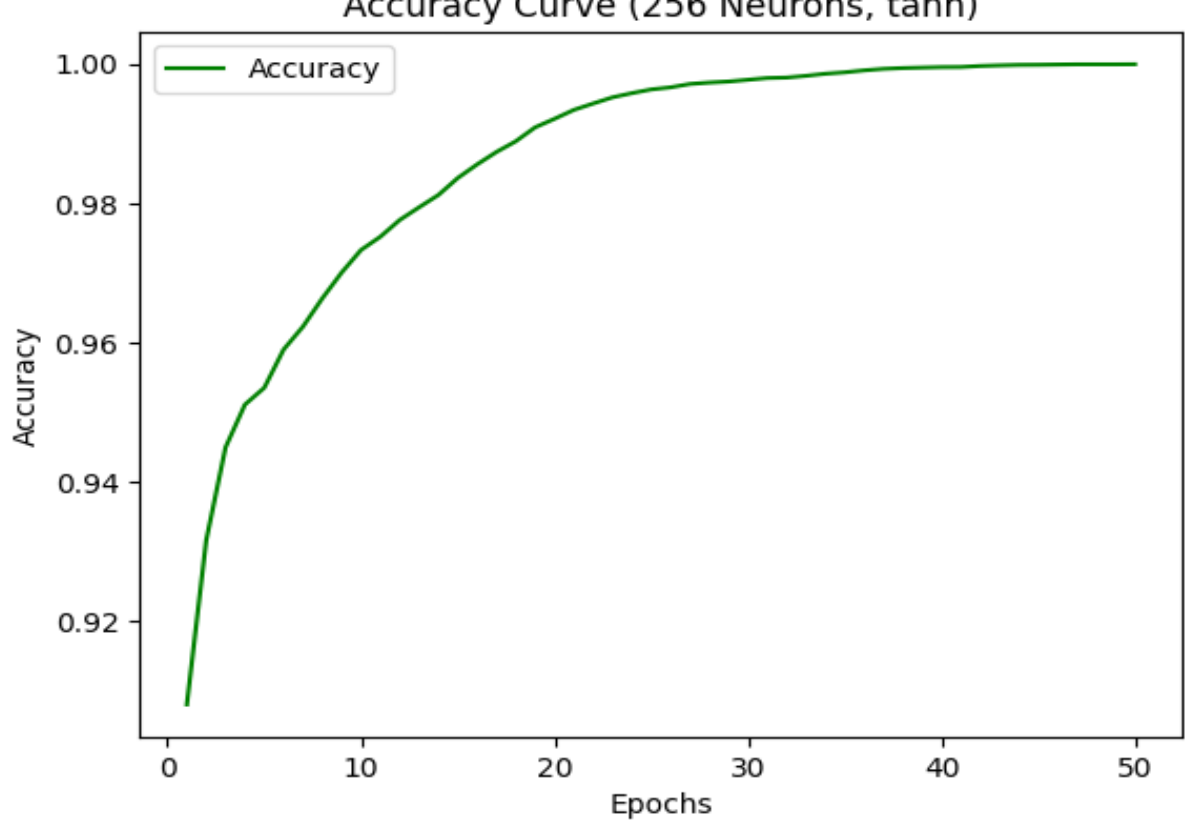
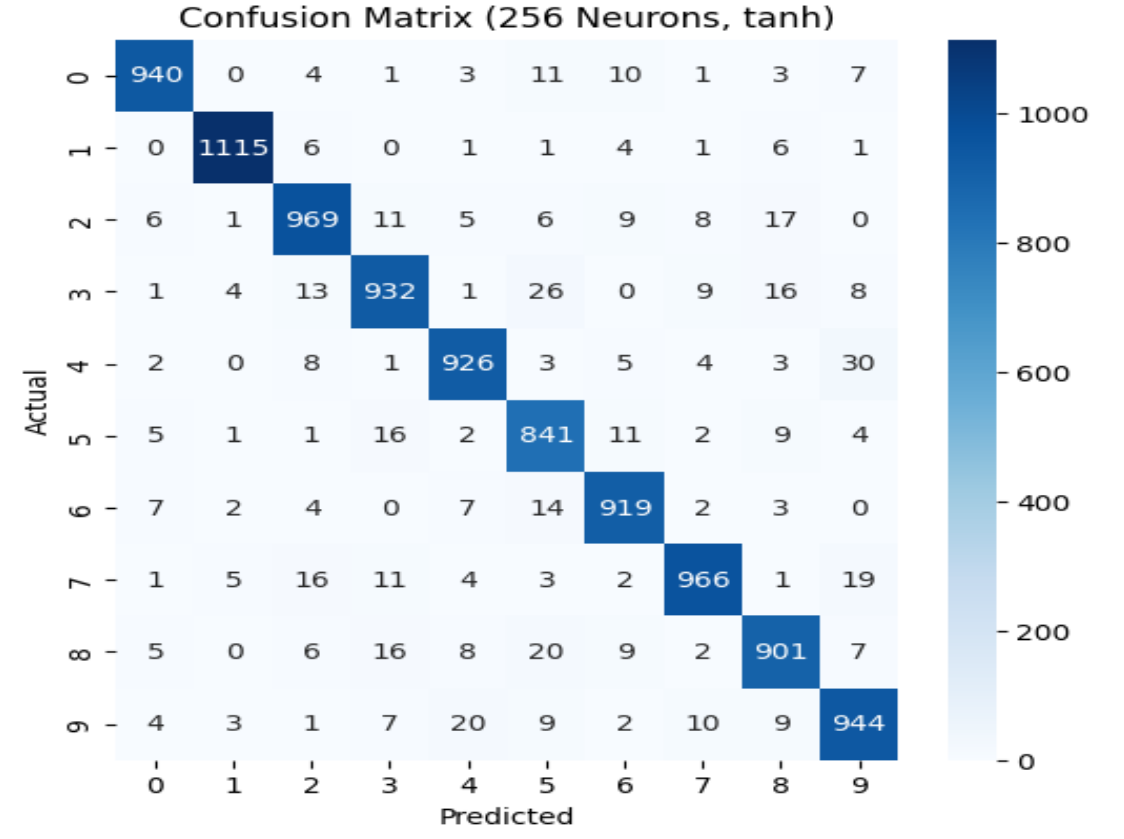
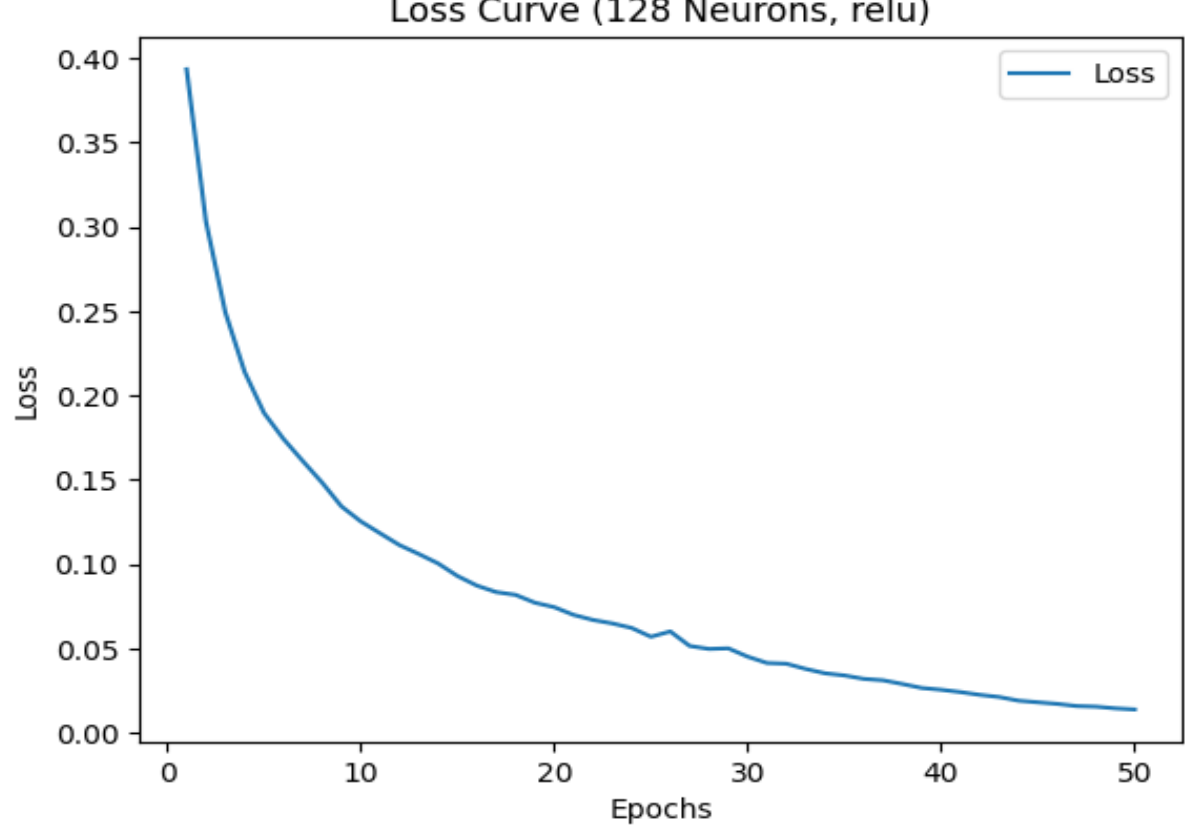
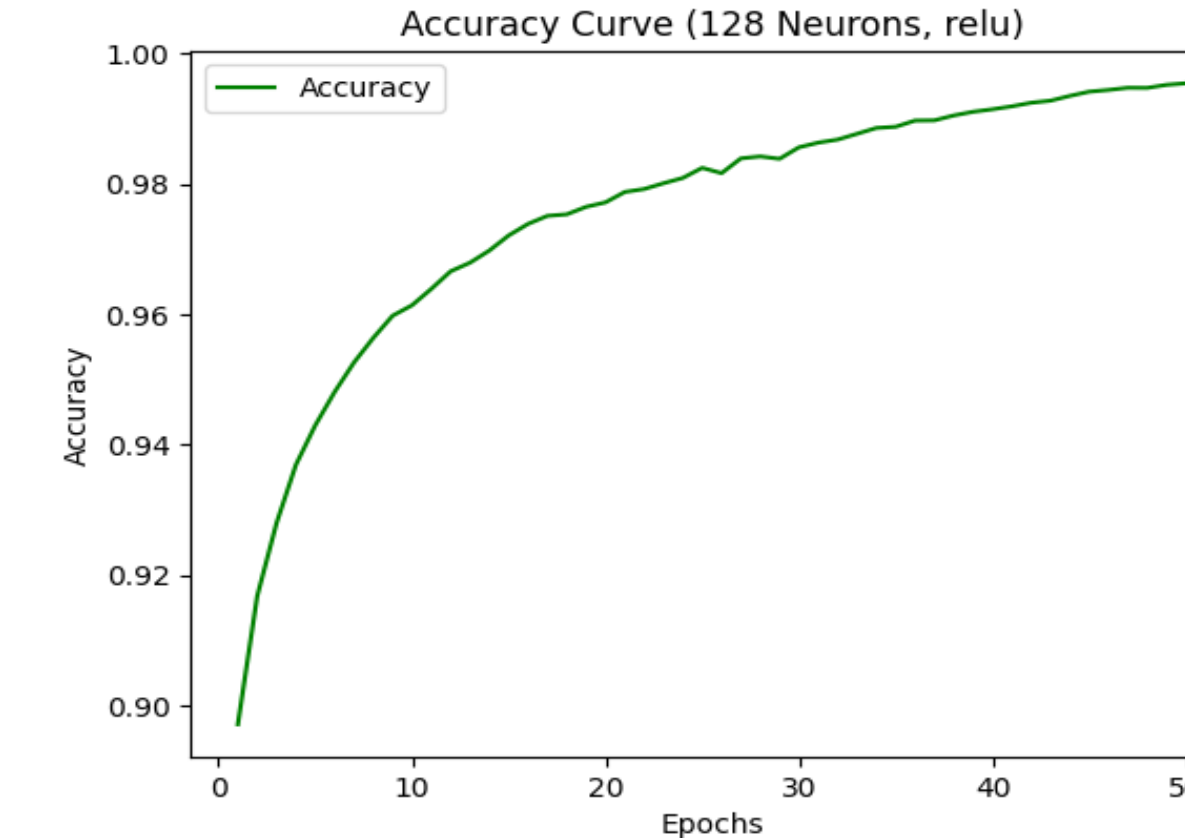
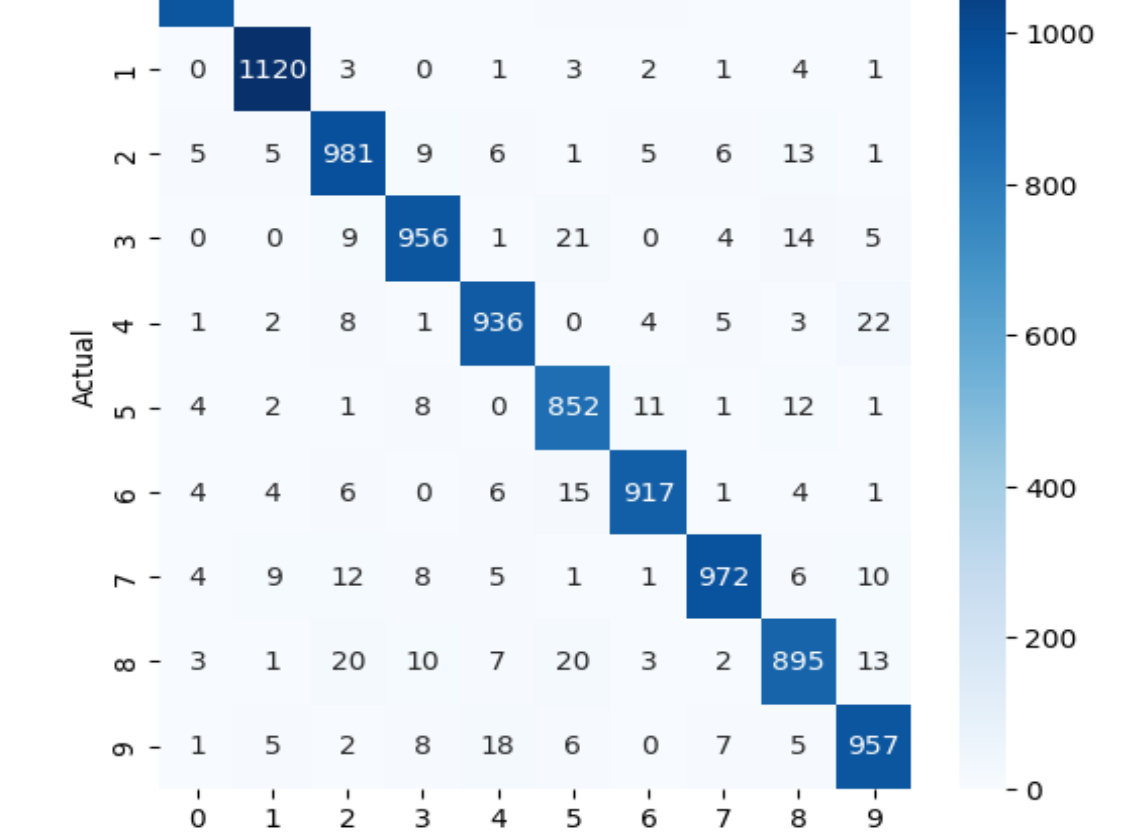
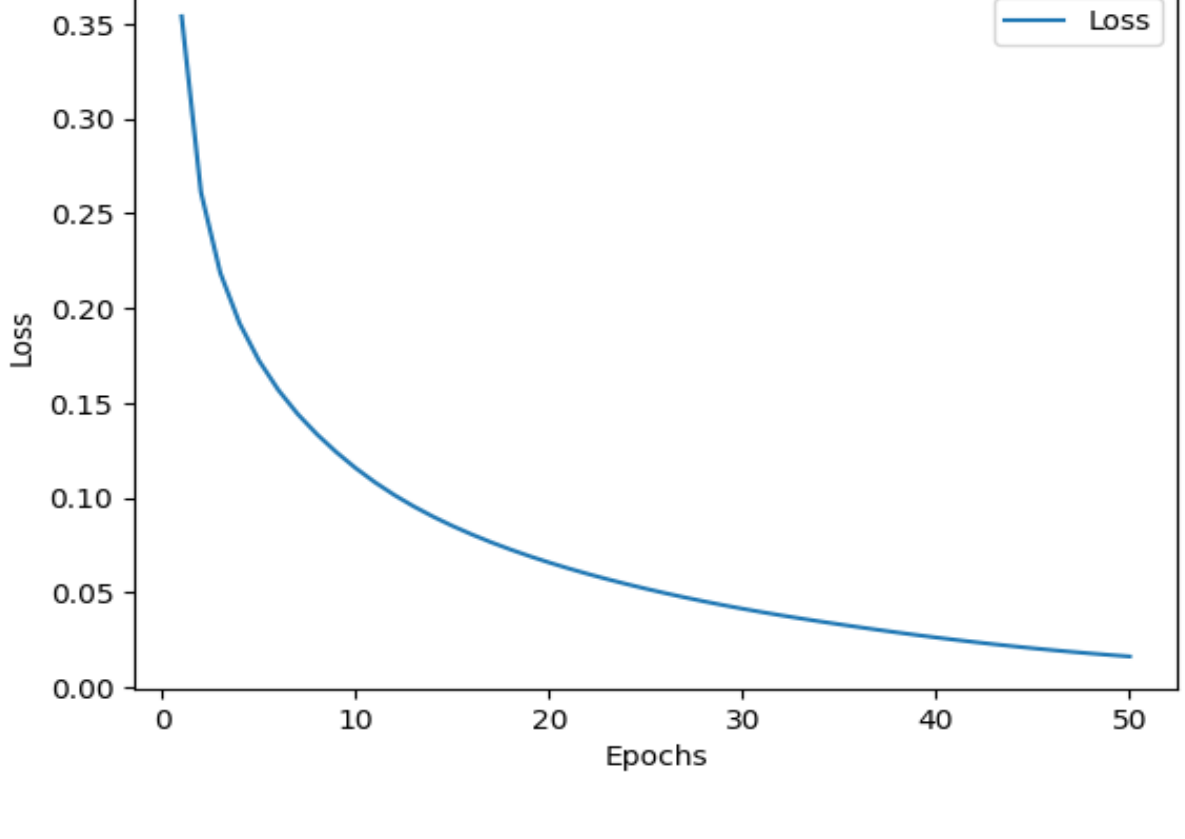
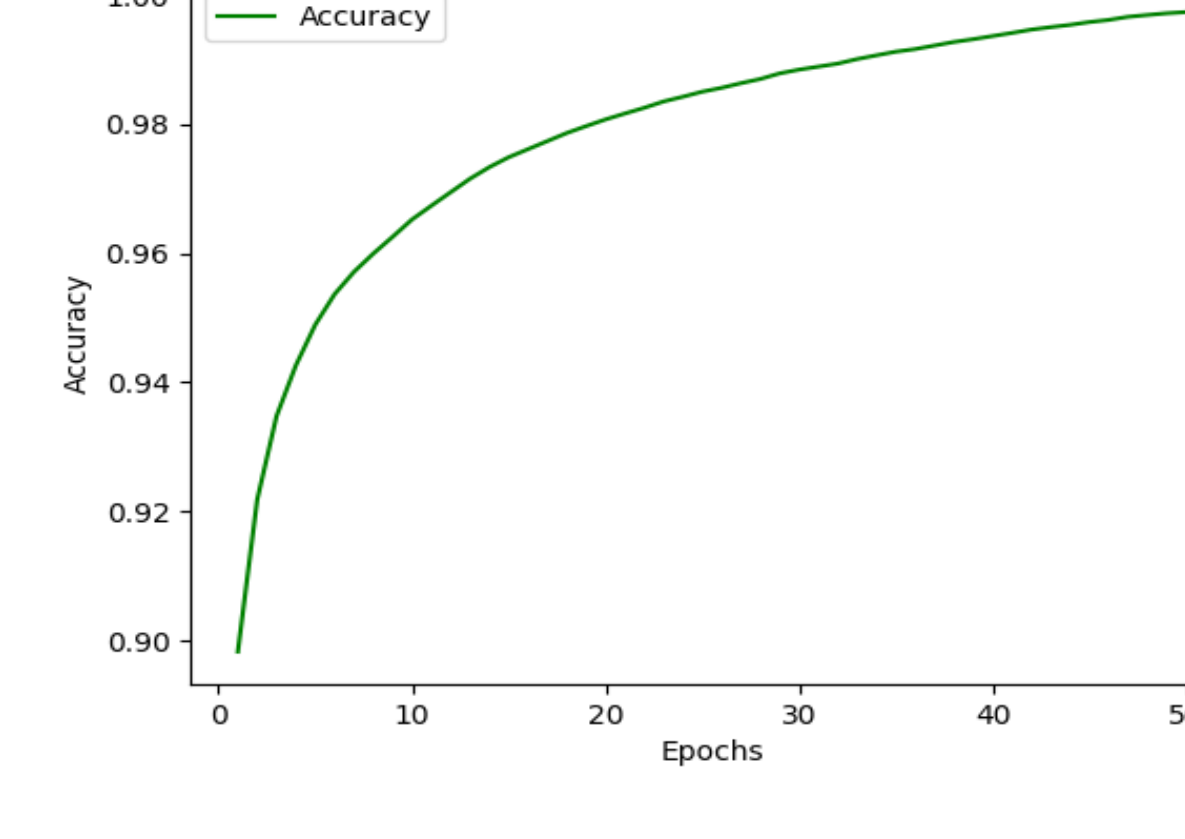
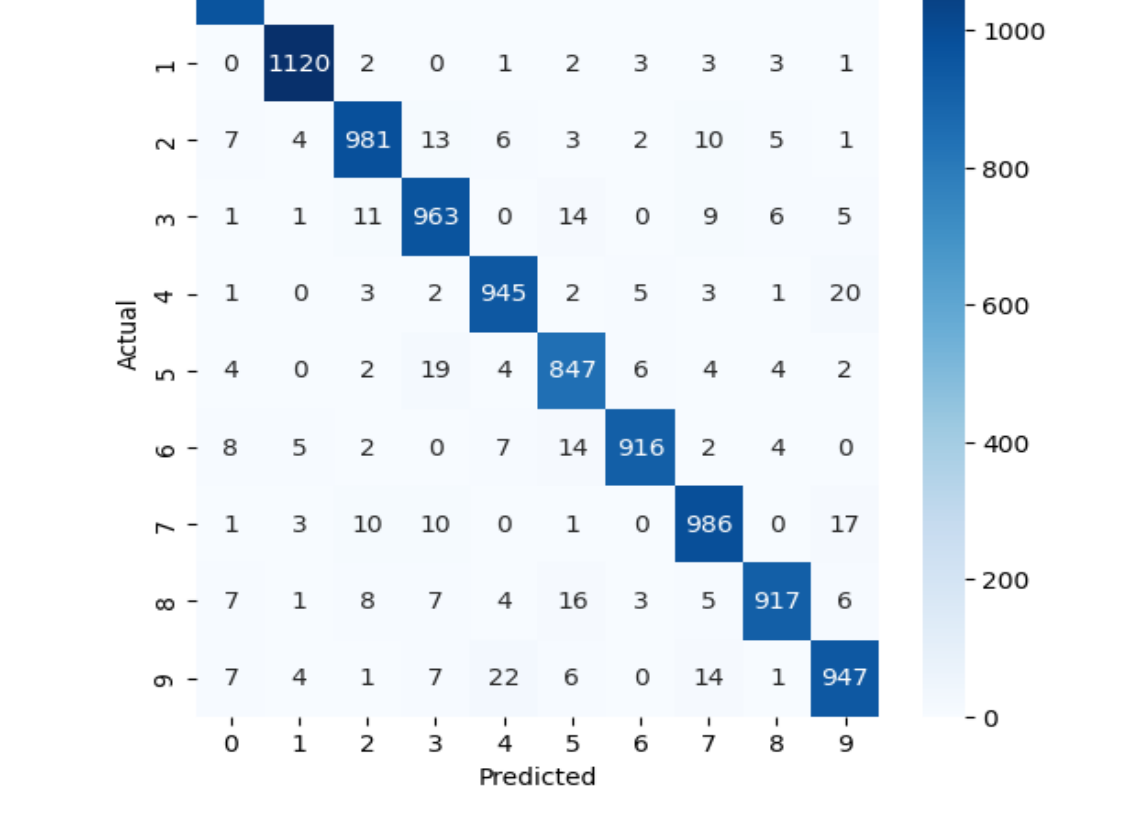
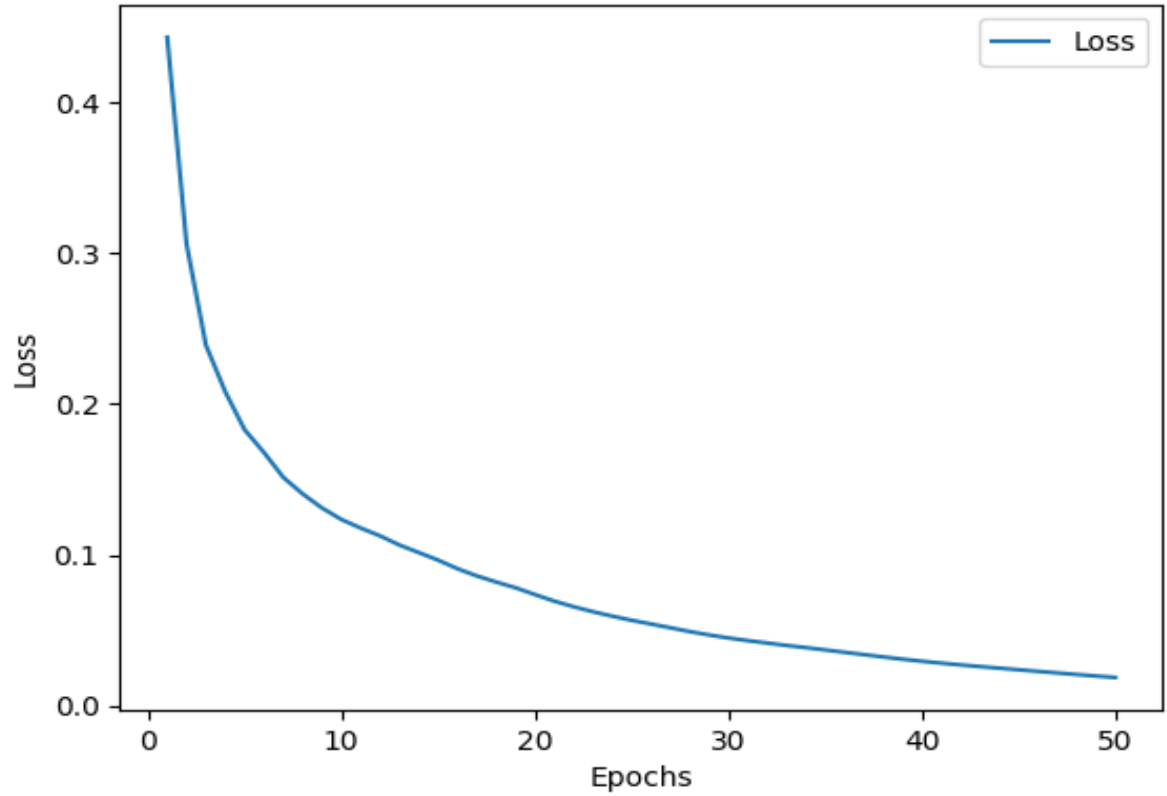
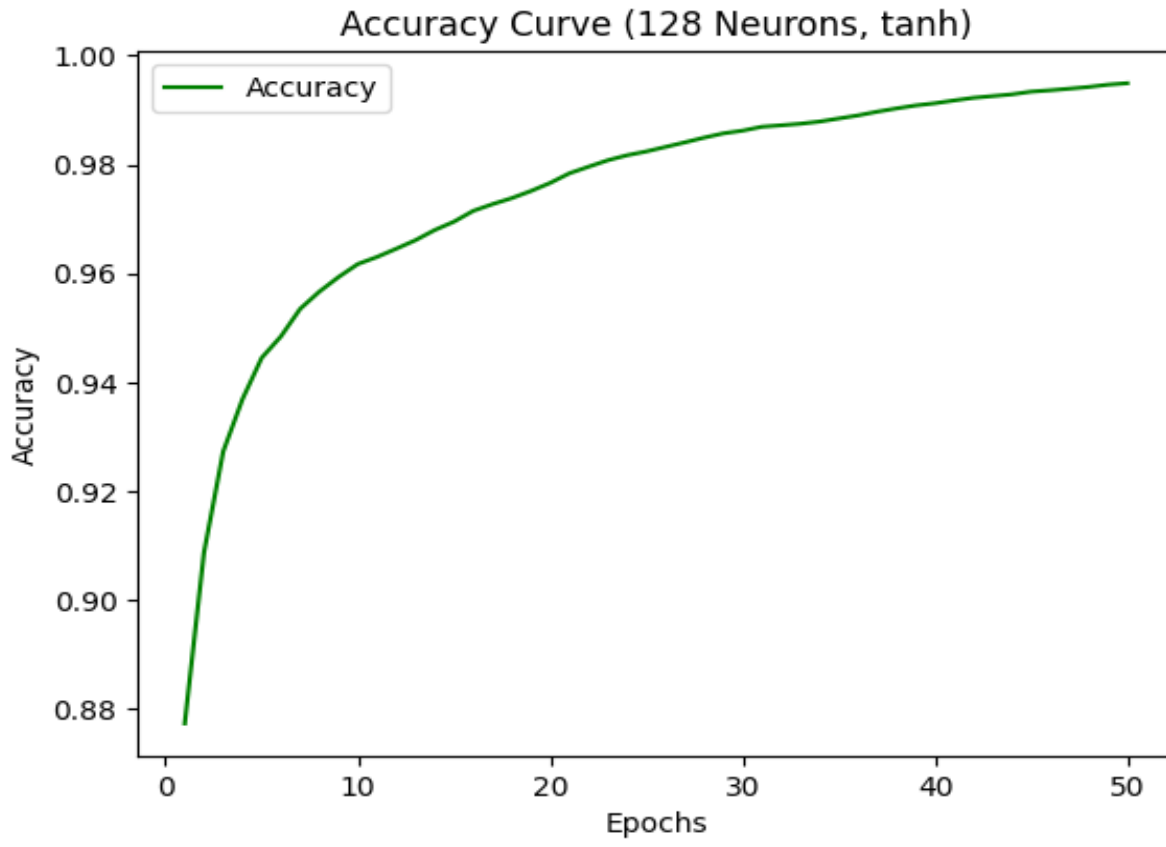
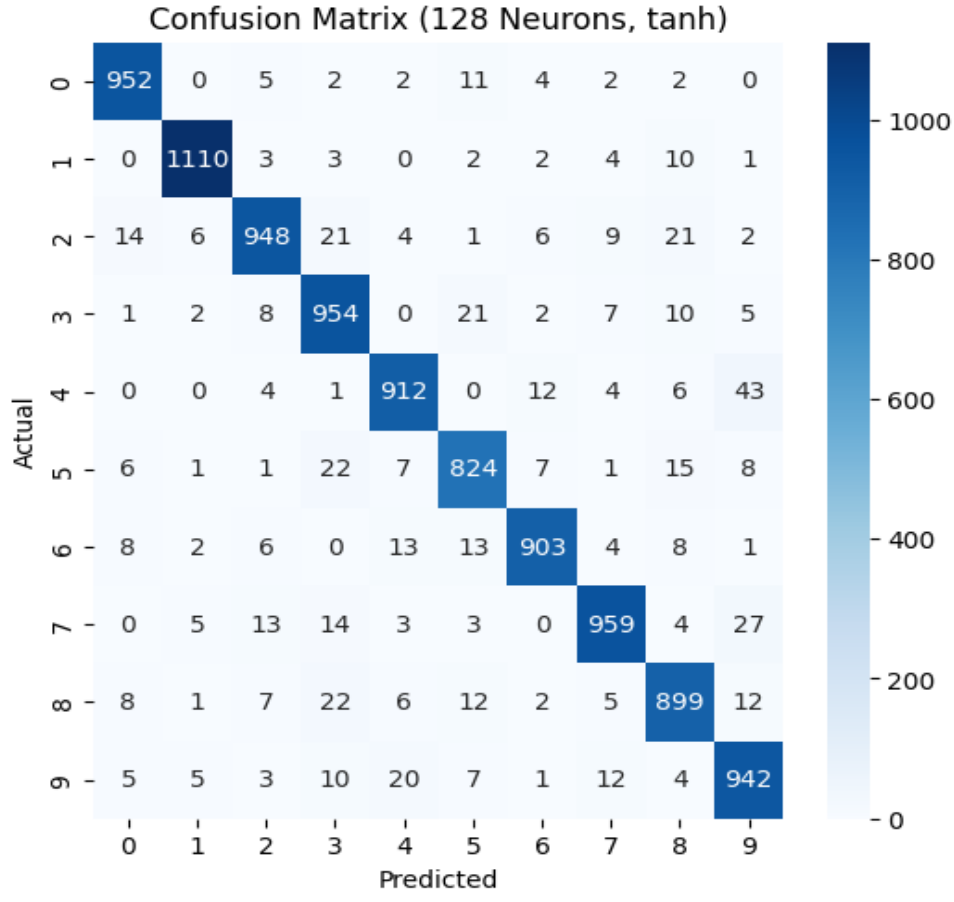
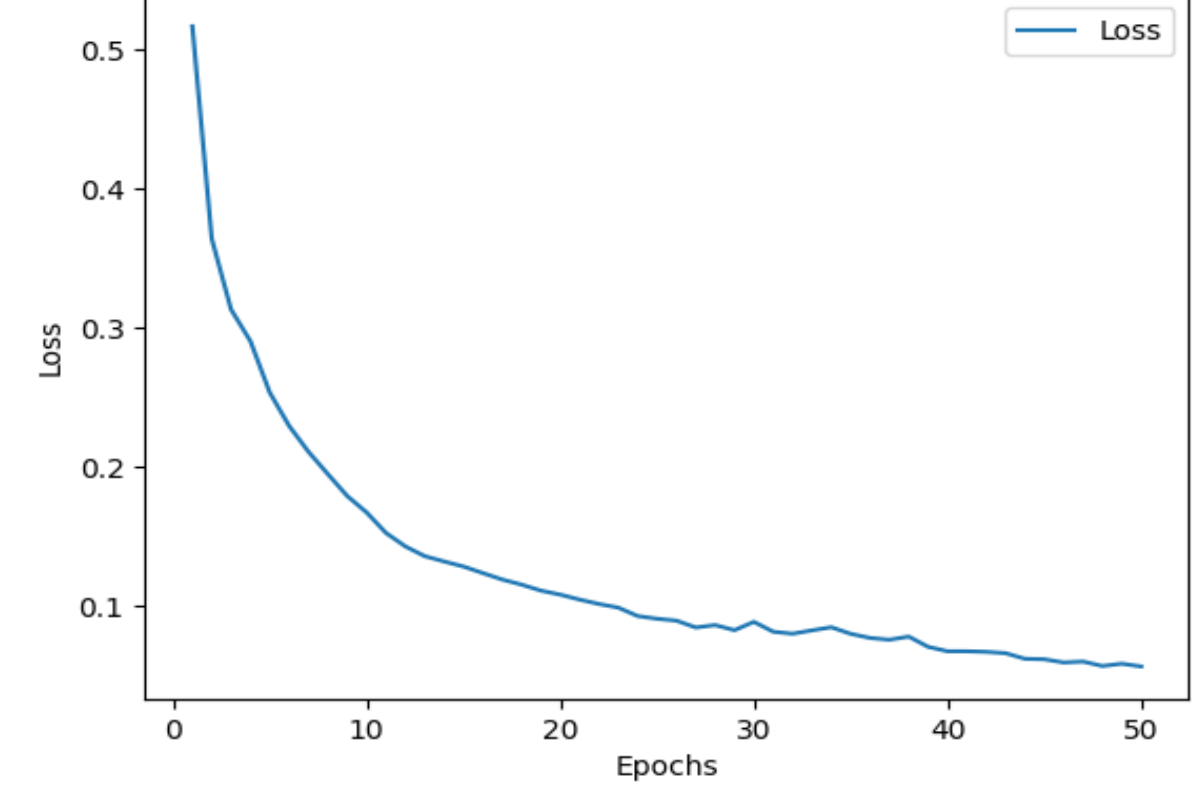
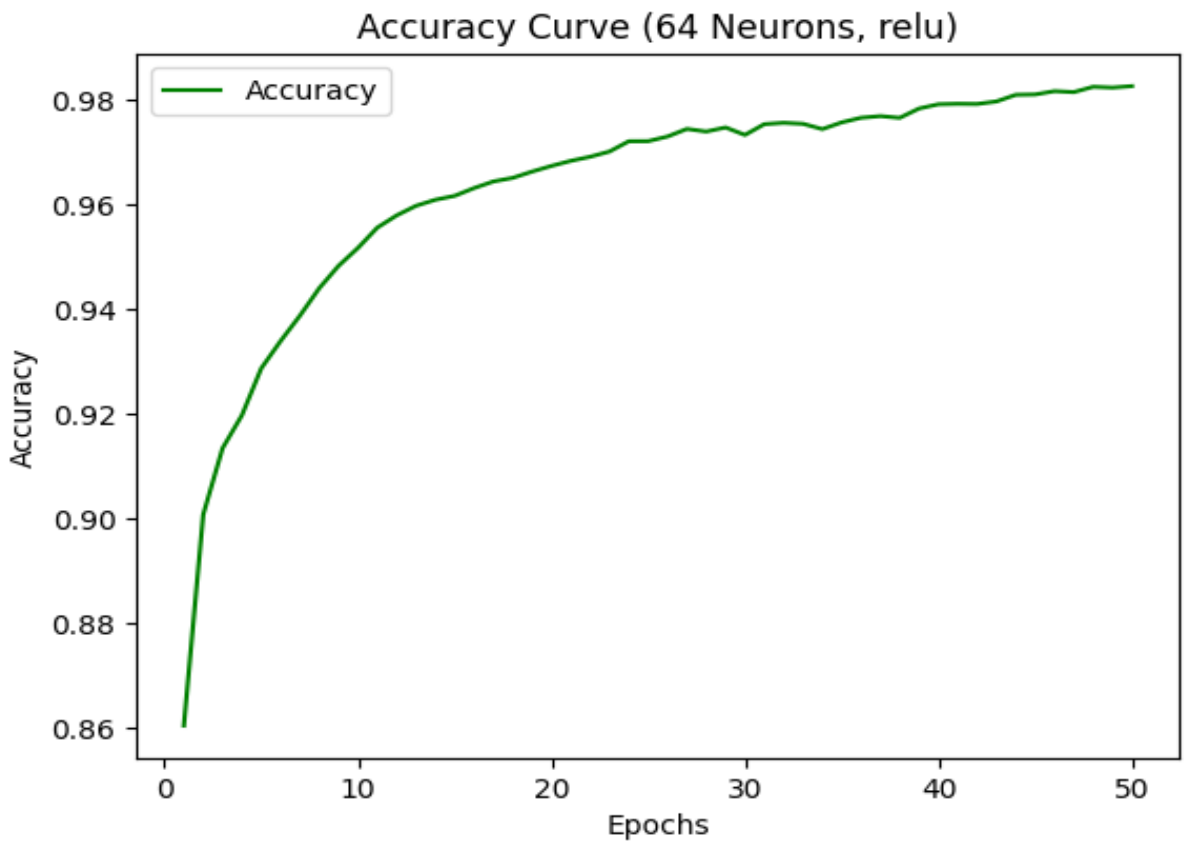
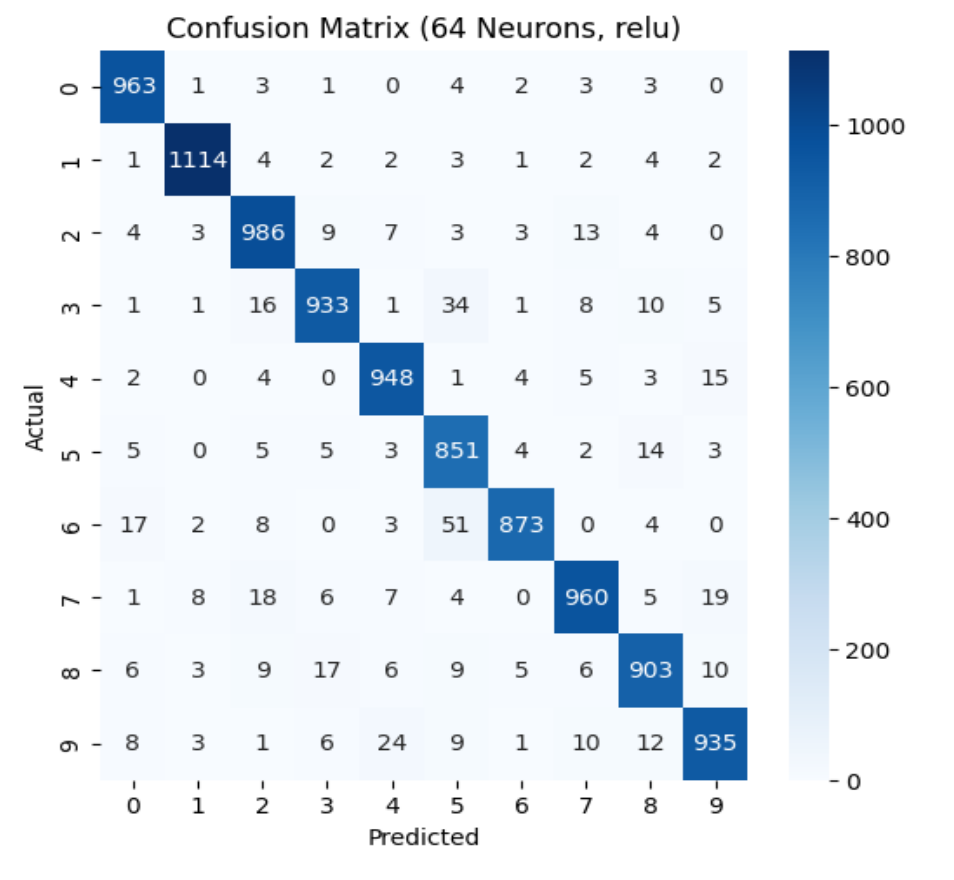
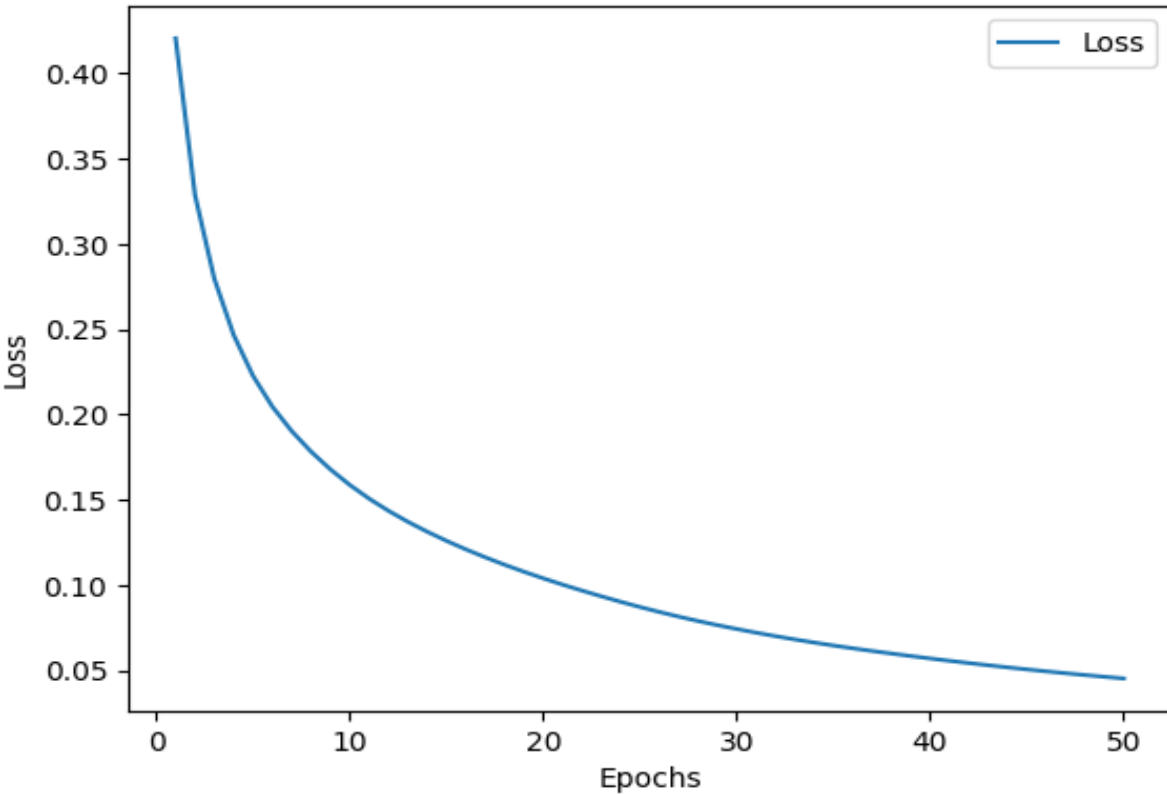
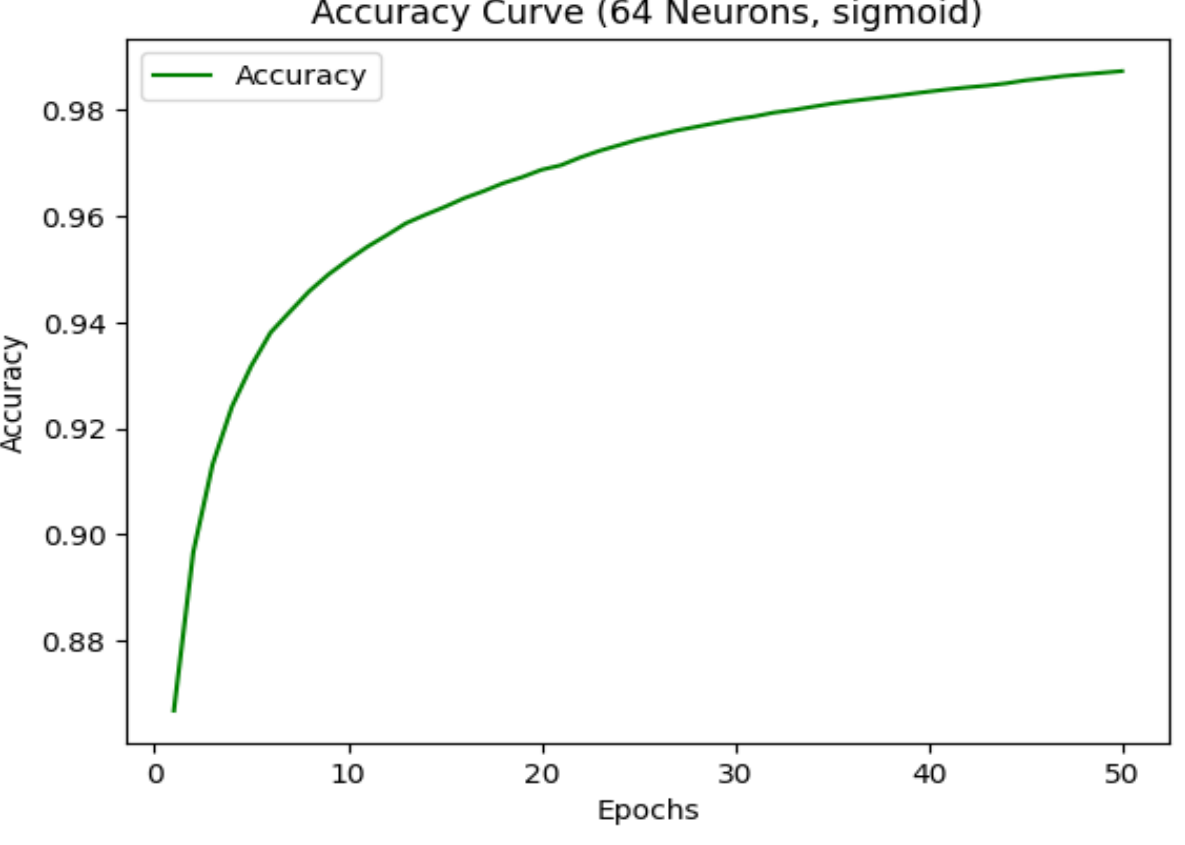
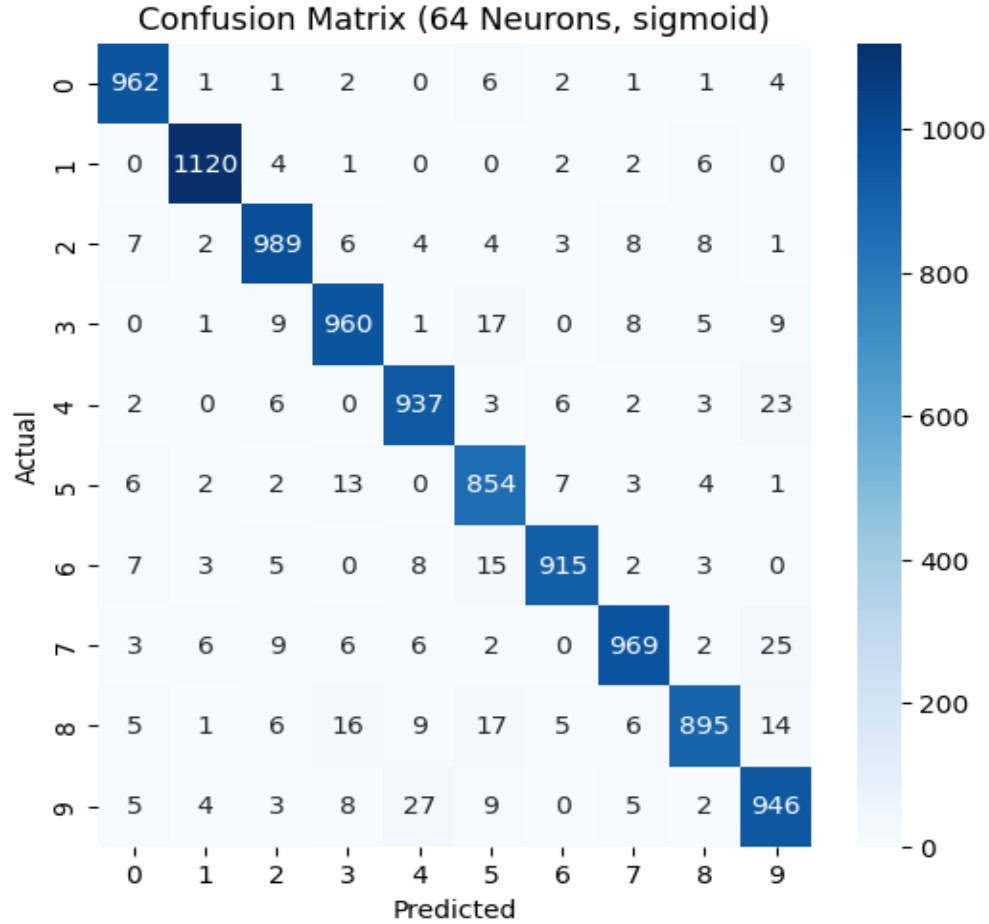
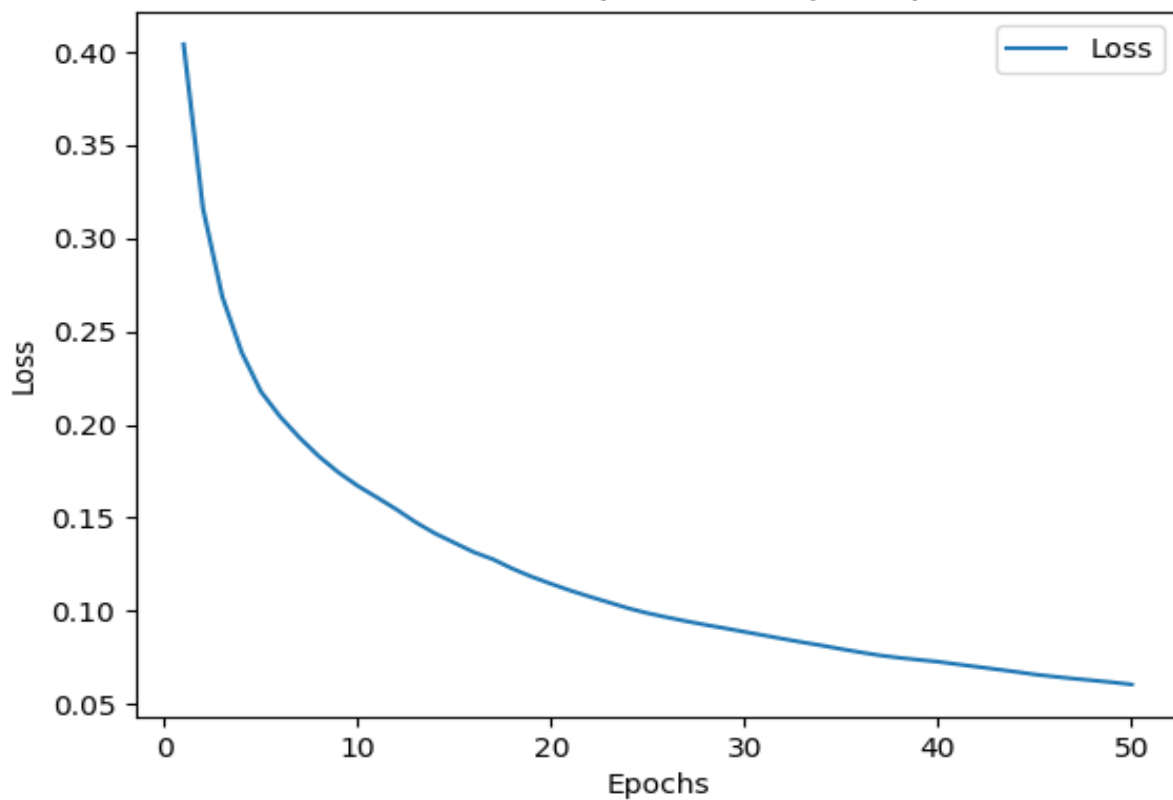
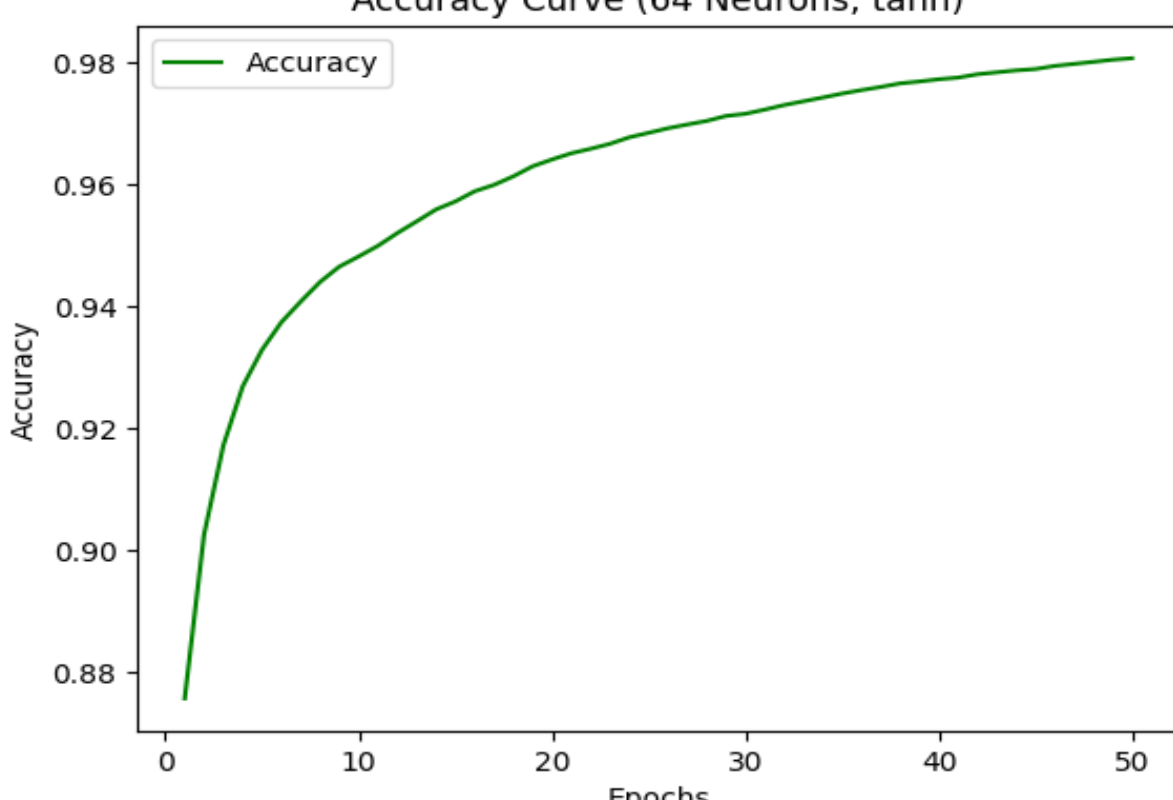


Neural Network Laboratory Experiment 4 Output						
hidden layer neurons	Activation function	Loss Curve	Accuracy Curve	Test Acc(%)	Confusion Matrix	Execution time(sec)
256	ReLU			96.03		356.81
256	sigmoid			95.66		353.33

256	Tanh	<div><p>Loss Curve (256 Neurons, tanh)</p></div>	<div><p>Accuracy Curve (256 Neurons, tanh)</p></div>	94.53	<div><p>Confusion Matrix (256 Neurons, tanh)</p></div>	346.11
128	ReLU	<div><p>Loss Curve (128 Neurons, relu)</p></div>	<div><p>Accuracy Curve (128 Neurons, relu)</p></div>	95.41	<div><p>Confusion Matrix (128 Neurons, relu)</p></div>	354.56
128	sigmoid	<div><p>Loss Curve (128 Neurons, sigmoid)</p></div>	<div><p>Accuracy Curve (128 Neurons, sigmoid)</p></div>	95.88	<div><p>Confusion Matrix (128 Neurons, sigmoid)</p></div>	353.85

128	Tanh	<div><p>Loss Curve (128 Neurons, tanh)</p></div>	<div><p>Accuracy Curve (128 Neurons, tanh)</p></div>	94.03	<div><p>Confusion Matrix (128 Neurons, tanh)</p></div>	343.05
64	ReLU	<div><p>Loss Curve (64 Neurons, relu)</p></div>	<div><p>Accuracy Curve (64 Neurons, relu)</p></div>	94.66	<div><p>Confusion Matrix (64 Neurons, relu)</p></div>	355.12
64	sigmoid	<div><p>Loss Curve (64 Neurons, sigmoid)</p></div>	<div><p>Accuracy Curve (64 Neurons, sigmoid)</p></div>	95.47	<div><p>Confusion Matrix (64 Neurons, sigmoid)</p></div>	378.97

64	Tanh	<div><p>Loss Curve (64 Neurons, tanh)</p></div>	<div><p>Accuracy Curve (64 Neurons, tanh)</p></div>	93.87	<div><p>Confusion Matrix (64 Neurons, tanh)</p><table><tr><td>0</td><td>957</td><td>0</td><td>5</td><td>1</td><td>2</td><td>6</td><td>4</td><td>2</td><td>0</td><td>3</td></tr><tr><td>1</td><td>0</td><td>1108</td><td>4</td><td>5</td><td>1</td><td>1</td><td>4</td><td>5</td><td>7</td><td>0</td></tr><tr><td>2</td><td>7</td><td>4</td><td>971</td><td>16</td><td>5</td><td>0</td><td>1</td><td>10</td><td>16</td><td>2</td></tr><tr><td>3</td><td>4</td><td>2</td><td>9</td><td>936</td><td>1</td><td>24</td><td>1</td><td>10</td><td>15</td><td>8</td></tr><tr><td>4</td><td>2</td><td>0</td><td>9</td><td>1</td><td>932</td><td>3</td><td>3</td><td>5</td><td>3</td><td>24</td></tr><tr><td>5</td><td>6</td><td>1</td><td>2</td><td>26</td><td>3</td><td>833</td><td>4</td><td>3</td><td>6</td><td>8</td></tr><tr><td>6</td><td>11</td><td>2</td><td>9</td><td>1</td><td>7</td><td>28</td><td>893</td><td>0</td><td>7</td><td>0</td></tr><tr><td>7</td><td>3</td><td>10</td><td>13</td><td>7</td><td>12</td><td>3</td><td>0</td><td>957</td><td>4</td><td>19</td></tr><tr><td>8</td><td>10</td><td>4</td><td>8</td><td>25</td><td>8</td><td>15</td><td>10</td><td>7</td><td>870</td><td>17</td></tr><tr><td>9</td><td>3</td><td>2</td><td>4</td><td>8</td><td>31</td><td>6</td><td>0</td><td>15</td><td>10</td><td>930</td></tr><tr><td></td><td>0</td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td></tr></table></div>	0	957	0	5	1	2	6	4	2	0	3	1	0	1108	4	5	1	1	4	5	7	0	2	7	4	971	16	5	0	1	10	16	2	3	4	2	9	936	1	24	1	10	15	8	4	2	0	9	1	932	3	3	5	3	24	5	6	1	2	26	3	833	4	3	6	8	6	11	2	9	1	7	28	893	0	7	0	7	3	10	13	7	12	3	0	957	4	19	8	10	4	8	25	8	15	10	7	870	17	9	3	2	4	8	31	6	0	15	10	930		0	1	2	3	4	5	6	7	8	9	399.23
		0	957		0	5	1	2	6	4	2	0	3																																																																																																																		
1	0	1108	4	5	1	1	4	5	7	0																																																																																																																					
2	7	4	971	16	5	0	1	10	16	2																																																																																																																					
3	4	2	9	936	1	24	1	10	15	8																																																																																																																					
4	2	0	9	1	932	3	3	5	3	24																																																																																																																					
5	6	1	2	26	3	833	4	3	6	8																																																																																																																					
6	11	2	9	1	7	28	893	0	7	0																																																																																																																					
7	3	10	13	7	12	3	0	957	4	19																																																																																																																					
8	10	4	8	25	8	15	10	7	870	17																																																																																																																					
9	3	2	4	8	31	6	0	15	10	930																																																																																																																					
	0	1	2	3	4	5	6	7	8	9																																																																																																																					