EXPERIMENT'S RECORD

1. **Params Used:**
   Activision = ReLU.
   Dropout = 0.2 for All Layers.
   Result: 97.08%

2. **Parms use** :
   Activision = Relu
   Dropout = 0.1 1st layer , 0.2 2nd layer , 0.3 3rd layer , 0.4 4rd layer.
   Result: 95.14%

3. **Params Used:**
   Activision = Relu
   BatchNormalization
   Result: 98.08%

4. **Params Used**:
   Activision = Leaky ReLU
   L2 Regulazation = 0.0001 1st layer , 0.001 2nd layer , 0.01 3rd layer , 0.1 4rd layer.
   BatchNormalization
   Result: 97.73%

5. **Params Used**:
   Activision = Sigmoid
   Dropout = 0.1 for All Layers
   BatchNormalization
   Result: 97.73%

6. **Params Used**:
   Activision = ReLU
   Dropout = 0.1 for All Layers
   BatchNormalization
   Result: 97.89%

7. **Params Used**:
   Activision = ReLU
   Dropout = 0.05 1st layer , 0.1 2nd layer , 0.15 3rd layer , 0.2 4rd layer.
   Result: 97.42%

8. **Params Used**:
   Activision = ReLU
   BatchNormalization
   Dropout = 0.05 for All Layers.

Result: 98.20%

9. **Params Used:**
   Activision = Leaky ReLU
   BatchNormalization
   Dropout = 0.1 1st layer , 0.05 2nd layer , 0.2 3nd layer , 0.05 4rd layer.
   Result : 97.83%

10. **Params Used:**
    Activision = ReLU
    BatchNormalization
    Dropout = 0.15 1st layer , 0.15 2nd layer , 0.3 3nd layer , 0.3 4rd layer.
    Result : 97.57%

11. **Params Used:**
    Activision = Tanh
    BatchNormalization
    Result : 97.79%

12. **Params Used**:
    Activision = ReLU
    L2 Regulazation = 0.00001 1st layer , 0.0001 2nd layer , 0.001 3rd layer , 0.01 4rd layer.
    Result : 97.69%

13. **Params Used**:
    Activision = Sigmoid
    BatchNormalization
    Result : 97.76%

14. **Params Used**:
    Activision = ReLU
    L1 Regulazation = 0.001 1st layer , 2nd layer .
    L2 Regulazation = 0.01 3rd layer , 4rd layer.
    BatchNormalization
    Result : 96.06%

15. **Params Used**:
    Activision = ReLU
    L1 Regulazation = 0.00001 1st layer , 0.0001 2nd layer , 0.001 3rd layer , 0.01 4rd layer.
    BatchNormalization
    Dropout = 0.05 All Layers
    Result : 98 .08%

Summary:

The best Result that we got through the experiments was experiment no. 8 with result of 98.20% , the params that used in this experiment are Activision = ReLU , BatchNormalization and dropout of 0.05 on each layer.