Robot Framework Course Content

# Day-1

1. Introduction of Robot framework
2. Why we use and who are the main users
3. Robot framework Installation and its dependency
4. Robot Framework walk through

# Day-2

1. Folder structure
2. What is :
   1. Suite
   2. Directory
   3. Resource
   4. Scalar, List and Dictionary variable
   5. For loop

3. User keyword and its usage

4. Test suite and test case development overview

# Day-3

1. How to use: User defined and inbuilt keyword
2. Writing test script
3. Executing test script using command line and framework
4. Understanding Log file and report view
5. Tagging test cases and executing test case using TAGs

# Day-4

1. Adding your own python modules and calling them as library
2. Most usable/commonly used keywords
3. Test case Documentation
4. Updating test scripts inside cells as well as using “Text Edit” box
5. What is:

a. Suite setup

b. Suite Teardown

c. Test setup

d. Test teardown

e. Test template

f. Test timeout

# Day-5

1. Live project using all the above concepts right from its documentation, definitions, test script developments along with user defined keywrods/templates and its execution with test log/report analysis

**Project can be of any one of the followings:**

1. One of the demo hardware interfaced with laptop and testing basic supported functionality

<Hardware yet to be decided and to be purchased online>

2. Testing of windows/Linux command prompt/terminal with all the supported OS related commands