**Student Project Guideline**

* Create a group of 2-3 students (for regular student).
* Set your antenna design by configuring these parameters below (An online form of antenna setup configuration will be given):

1. Choose your antenna operating frequency and bandwidth:
   * Frequency Center: 1000 MHz - 2000 MHz (TT-43-01)
   * Frequency Center: 2000 MHz - 3000 MHz (TT-43-02)
   * Frequency Center: 3000 MHz - 4000 MHz (TT-43-03)
   * Frequency Center: 4000 MHz - 5000 MHz (TT-43-04)
   * Frequency Center: 5000 MHz - 6000 MHz (TT-43-05)
   * Frequency Center: 6000 MHz - 7000 MHz (TT-43-06)
   * Frequency Center: 8000 MHz - 9000 MHz (TT-43-07)
   * Frequency Center: 9000 MHz - 10000 MHz (TT-43-08)
   * Frequency Center: 10000 MHz - 11000 MHz (TT-43-09)
   * Frequency Center: 11000 MHz - 12000 MHz (TT-43-10)
   * Frequency Center: 12000 MHz - 13000 MHz (TT-43-11)
   * Frequency Center: 13000 MHz - 14000 MHz (TT-43-12)
   * Frequency Center: 14000 MHz - 15000 MHz (TT-43-INT)
2. Choose your antenna polarization:
   * Linear
   * Circular
3. Choose your antenna gain:
   * 3 dBi
   * 5 dBi
4. Choose your antenna patch:
   * Single Rectangular patch
   * Single Circular patch
   * 2 element Rectangular patch (array)
   * 2 element Circular patch (array)
5. Choose your antenna substrate:
   * FR-4
   * RT6006
   * RO4003C
6. Choose your feeding method:
   * Microstrip feed
   * Coaxial feed
   * Proximity feed

* Make sure that your group has different configuration with others