**THE BRIEF**

**PLEASE USE THIS BRIEF TO FILL IN HOW THE WORK WENT. THANKS.**

**Topic**: Improving energy efficiency in a 5G network using machine learning.

**Statement of problem**: Given rise in data rates, throughput and the need for energy saving, we intend to solve the problem of energy efficiency. (You can re-construct the grammar)

**Aim**: To improve the energy efficiency of a 5G network using ML.

**Specific objectives**: (These are the steps taken to achieve the aim, you can provide them in 4-6 bullet points, these objectives will be the steps in developing the methods to achieve the work)

**Scope**: (This is the limit to which the work will answer to, based on what you intend to do, you can answer this)

**Significance of work**: (You can say what significant benefit or improvement the work tends to solve)

**Research gap:** (What gap do you intend to solve based on the work?)

**Methods**: (Give step by step methods used in getting the work done, include flowchart, diagrams and figures as needs be)

**Results**: (Show the results, include figures, codes, simulation screenshots with titles as the case may be)

**References**: if any