

Assignment No-2 [10 Marks] (CLO-2)

THE DEADLINE FOR THE SUBMISSION OF ASSIGNMENT IS:

11PM, WEDNESDAY 20TH APRIL 2022.

The purpose of this assignment is to give students an idea of how research is carried out in a certain area and how the results are reported. The paper chosen discusses a three dimensional (3D) electric field system for atmospheric electric field measurement, which is capable of three orthogonal directions in X, Y, Z.

The assignment is to be submitted as a **Portable Document Format (PDF)** on LMS so that a Plagiarism check may be carried out. Copy/pasting screenshots of the text will result in ZERO marks. The acceptable similarity score is less than 20%.

- You are required to read the following paper which has been uploaded on LMS:

Title: Analysis on Electric Field Based on Three-Dimensional Atmospheric Electric Field Apparatus

Authors: Hong-yan Xing, Gui-xian He and Xin-yuan Ji

- Summarize the main findings of the paper in a minimum of **400 words**. The summary should be written in a way that the reader can understand the following:
 - a) What issue or problem is being addressed by the authors? In other words, what is the problem statement of the paper.
 - b) What is the solution presented by the authors?

You may ignore the Experimental results section if you like.