

**Renewable Energy Technology**  
**Final Term Assignment**  
**Spring 20-21**

**Problem Statement:** Prepare a comparative analysis on the prospect of Geothermal and Wind energy in Bangladesh and discuss how the addition of these renewable sources can help to achieve 10% share of renewable energy in electricity generation in Bangladesh by the year 2025.

**Instructions:**

1. The discussion should include but not limited to:
  - a. Abstract
  - b. Introduction
  - c. Present Energy Scenario in Bangladesh and the world including both Renewable and Conventional Energy based sources
  - d. Explanation of power generation schemes using Geothermal and Wind energy.
  - e. Comparison between the prospect of Geothermal and Wind energy in Bangladesh.
  - f. Proposed solution for increasing share of Renewables in Bangladesh
  - g. Analysis
  - h. Conclusion
  - i. References
2. Report must be submitted in **IEEE double column format**. Template can be downloaded from  
<https://www.ieee.org/conferences/publishing/templates.html>
3. Attach one cover page containing Title, Student Name, Student ID, Course Name, Section, Submission date, Course teacher name.
4. The assignment is **Individual**.
5. Hand written assignments will not be accepted.

6. Standard length for this assignment should be at least **5 pages** or more. Images and illustration must be added for explaining the discussed topics.
7. Assignments will be cross checked for plagiarism and similarities. Similar reports will get negative marking.

**Submission Deadline: 22.04.2021 (Thursday) until 11.59 PM**