Research Paper   
Due date: 12/2/24  
Your research paper must include the following:

- The research paper title: the title can be different from the topic name as you may have different perspective on the topic

- member names

- Abstract: describe the summary of main idea/research problem and the approach to solve the problem.

- key words: the list of key words that are essential and representative to the main idea of the paper. Researchers search for the related papers using the key words provided in the paper, so the key words must be essential to the topic

- introduction: describe the motivation, objectives, ideas, and general explanation of the topic that anyone with minimum knowledge in the topic can understand

- background: list of technologies or main concepts that are used to solve the given research problem

- main idea: describe details of the topic including any algorithms, techniques, etc. related to the topic – main part of the paper

- discussion: what has been done, what need to be done (in your opinion), or any issues/limitations in solving the problem. You may also describe your own idea on what you considered important in this section

- conclusion: summary of your findings

- references: the list of the papers you have researched

Every reference must be cited within the research paper

e.g. any idea or concept you used to explain the idea in the paper must have its source – use the reference number such as [3] or [5] – the numbers are from the reference list as in the template. Every reference must have at least one citation in the paper otherwise it is considered not referenced.

\* Your paper must follow the format in the IEEE template provided in the proposal section. Do not change the font size or column

\*\* the total number of pages should be at least 5 pages including diagrams.

**What to submit**

* The final research paper in IEEE paper template format
* Each member responsibilities (who did which part)
* Presentation file for your research paper