CS516: Parallelization of Programs

Project Proposal

Due date: October 8, 2021 11:59 PM

Proposal Format

1. The project proposal must be formatted with two (2) single-spaced double-column pages using 10-point IEEE conference style **LaTeX** format.

2. Your proposal should not exceed 3 pages (excluding references).

3. The proposal should contain the following sections: (1) Abstract, (2) Introduction, (3) Approach, (4) Evaluation Methodology, (5) Related Work, (6) References.

4. Abstract should specify your problem statement and key contributions in brief.

5. The Introduction section should (1) explain your problem statement, (2) motivate the problem with its importance and limitations of the existing solutions (3) briefly explain your key approach/contributions.

6. Approach section should describe the details of your approach/plan/algorithm for solving the problem.

7. In the evaluation methodology section, you should specify (1) the hardware platform you plan to use for conducting the experiments, (2) input data sets, and (3) the third-party framework/implementation, which you will compare the effectiveness of your implementation.

8. Related work should briefly discuss the state-of-the-art solutions, their limitations, and how your approach is different from them.

Submission Instructions

1. Mention the team member details in your document title.

2. Compile your latex file to a PDF file, name your submission as <ROLLNO1_ROLLNO2>.pdf and submit it on canvas. If the team size is other than two, name your submission accordingly.

3. It is sufficient if one member of the team submits the file.

4. Any form of plagiarism is strictly prohibited; all the text must be your own, and all the references must be cited.